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November 15, 1967

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CLEARINGHOUSE
FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION

U.S. DEPARTMENT OF COMMERCE / NATIONAL BUREAU OF STANDARDS / INSTITUTE FOR APPLIED TECHNOLOGY

November 15, 1967 Volume 18, Number 9

TECHNICAL TRANSLATIONS

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special ANNOUNCEMENTS

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The Technical Translations (TT) announcement journal published by the Clearinghouse for Federal Scientific and Technical Information will be discontinued after December 1967 (Vol. 18, No. 12, dated December 30, 1967). Beginning in 1968, all U. S. Government-sponsored technical translations will be announced in the Clearinghouse announcement journal, U. S. Government Research and Development Reports (USGRDR). The first issue of USGRDR announcing these translations will be Vol. 68, No. 1, dated January 10, 1968.

After December 30, 1967, translations not sponsored by U. S. Government agencies will not be announced by the Clearinghouse. These translations are now announced in both the Translations Register-Index published by the Special Libraries Association Translations Center, and in the ETC Quarterly Index published by the European Translations Centre. The Clearinghouse will continue to provide reference information and attempt to answer specific queries on all translations, both Government-sponsored and non-Government-sponsored.

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Commercial translators may have their work cited in this journal by sending the bibliographic and availability information to the Clearinghouse.

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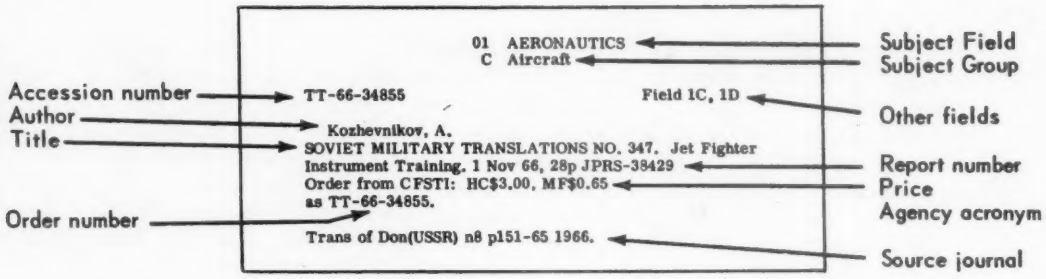

• TRANSLATIONS IN PROCESS

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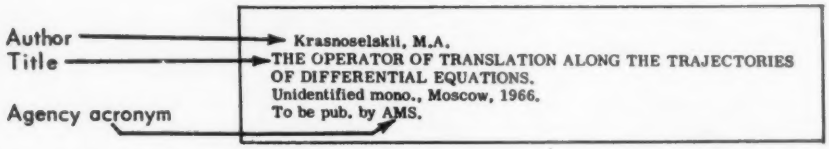
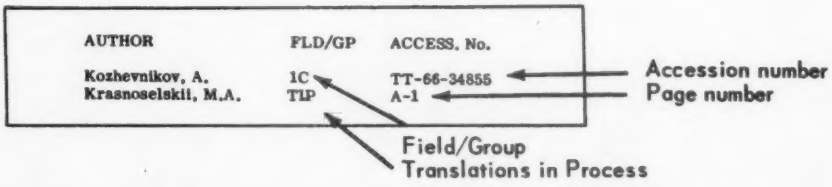


• INDEX ENTRIES

Index entries provide the location of the document announcement in the journal by supplying either the *accession number and Field/Group,* or in the case of "Translations in Process" the *page* on which the document is cited. The following example is taken from the Author Index; Journal and Number Indexes use the same system.



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Includes aerodynamics; aeronautics; aircraft; aircraft flight control and instrumentation; and air facilities. See also related fields: 16 Missile Technology, 17 Navigation, Communications, Detection, and Countermeasures, 20 Physics, and 22 Space Technology.

02 AGRICULTURE 1

Includes agricultural chemistry; agricultural economics; agricultural engineering; agronomy and horticulture; animal husbandry; and forestry. See also related field: 06 Biological and Medical Sciences.

03 ASTRONOMY AND ASTROPHYSICS 2

Includes astronomy; astrophysics; and celestial mechanics.

04 ATMOSPHERIC SCIENCES 2

Includes atmospheric physics and meteorology.

05 BEHAVIORAL AND SOCIAL SCIENCES 3

Includes administration and management; documentation and information technology; economics; history, law and political science; human factors engineering; humanities; linguistics; man-machine relations; personnel selection, training, and evaluation; psychology (individual and group behavior); and sociology. See also related field: 06 Biological and Medical Sciences.

06 BIOLOGICAL AND MEDICAL SCIENCES 7

Includes biochemistry; bioengineering; biology; bionics; clinical medicine; environmental biology; escape, rescue, and survival; food; hygiene and sanitation; industrial (occupational) medicine; life support; medical and hospital equipment and supplies; microbiology; personnel selection and maintenance (medical); pharmacology; physiology; protective equipment; radiobiology; stress physiology; toxicology; and weapon effects. See also related fields: 02 Agriculture, 05 Behavioral and Social Sciences, and 07 Chemistry.

07 CHEMISTRY 15

Includes chemical engineering; inorganic chemistry; organic chemistry; physical chemistry; and radio and radiation chemistry. See also related fields: 06 Biological and Medical Sciences, 11 Materials, 20 Physics, and 21 Propulsion and Fuels.

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Includes cost effectiveness; laboratories, test facilities, and test equipment; recording devices; reliability; and reprography.

15 MILITARY SCIENCES 35

Includes antisubmarine warfare; chemical, biological, and radiological warfare; defense; intelligence; logistics; nuclear warfare; and operations, strategy, and tactics. See also related fields; 16 Missile Technology and 17 Navigation, Communications, Detection and Countermeasures.

16 MISSILE TECHNOLOGY ..... No Entries

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17 NAVIGATION, COMMUNICATIONS, DETECTION, AND COUNTERMEASURES 35

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18 NUCLEAR SCIENCE AND TECHNOLOGY 36

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19 ORDNANCE 38

Includes ammunition, explosives; bombs; combat vehicles; explosions, ballistics, and armor; fire control and bombing systems; guns; rockets; and underwater ordnance. See also related field: 18 Nuclear Science and Technology.

20 PHYSICS 38

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Includes air-breathing engines; combustion and ignition; electric propulsion; fuels; jet and gas turbine engines; nuclear propulsion; reciprocating engines; rocket motors and engines; and rocket propellants. See also related fields: 07 Chemistry and 20 Physics.

22 SPACE TECHNOLOGY ..... No Entries

Includes astronautics; spacecraft; spacecraft trajectories and reentry; and spacecraft launch vehicles and ground support. See also related fields: 01 Aeronautics, 03 Astronomy and Astrophysics, 16 Missile Technology, 17 Navigation, Communications, Detection, and Countermeasures, and 21 Propulsion and Fuels.

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TECHNICAL TRANSLATIONS

01 AERONAUTICS

A. Aerodynamics

TT-67-62820 Field 1A, 4B

Ivanovskii, A. I.
INTERACTION BETWEEN AN INSTRUMENT CAVITY AND A FLOW OF RAREFIED GAS (Nekotorye Voprosy Vzaimodeistviya Izmeritelnoi Polosti s Potokom Razrezhennogo Gaza). Tr. by George E. Brady, Jr. Jul 67, 71p, 11refs. AmMetSoc-T-R-659; AD-658 028.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-658 028

Trans. of Tsentralnaya Aerologicheskaya Observatoriya. Trudy (USSR) n56 p49-96 1964.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.
Contract AF 19(628)-3880.

E. Air facilities

TT-67-33168 Field 1E

Kudryatseva, G.
A TEST AIRFIELD OF THE SOVIET AIR FORCES. 11 Sep 67, 13p. JPRS-42540.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42540

Trans. from Pravda Ukrainy (USSR) 19, 21, 22 Jan 1967.

02 AGRICULTURE

TT-67-33123 Field 2-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURE SCIENCE AND TECHNOLOGY NO. 52. 7 Sep 67, 19p. JPRS-42495.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42495

Abstract trans. of Nung Yeh Chi Shu (Chinese People's Republic) n4 p2-64ff 1967.

TT-67-33152 Field 2-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCES AND TECHNOLOGY NO. 54. 8 Sep 67, 41p. JPRS-42524.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42524

Abstract trans. of Chung Kuo Nung Yeh K'o Hsueh (Chinese People's Republic) n12 p1-57 1962: n8 p1-57; n9 p1-56; n11 p1-56 1963.

B. Agricultural economics

TT-67-33118 Field 2B, 6H

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 582. 7 Sep 67, 46p. JPRS-42490.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42490

TT-67-33159 Field 2B, 2C

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 583. 11 Sep 67, 34p. JPRS-42531.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42531

TT-67-33202 Field 2B, 2D

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 584. 12 Sep 67, 23p. JPRS-42574.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42574

TT-67-33224 Field 2B, 2D, 5I, 5D

AFRICA: TRANSLATIONS NO. 634. 14 Sep 67 82p. JPRS-42596.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42596

C. Agricultural engineering

TT-67-33112 Field 2C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCES AND TECHNOLOGY NO. 51. 6 Sep 67, 64p. JPRS-42484.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42484

Abstract trans. of Chung Kuo Nung Yeh Chi Hsieh (Chinese People's Republic) n1 p2-28; n4 p2-32; n5 p2-36; n6 p2-36; n7 p2-40 1965 and Chung Kuo Nung Yeh K'o Hsueh (Chinese People's Republic) n6 p1-57 1961.

D. Agronomy and horticulture

TT-67-33129 Field 2D

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCES AND TECHNOLOGY NO. 53. 7 Sep 67, 18p. JPRS-42501.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42501

TT-67-33154 Field 2D, 2B, 2A

NORTH VIETNAM: TRANSLATIONS NO. 242. 8 Sep 67, 32p. JPRS-42526.
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TT-67-33173 Field 2D, 2C, 6F

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCE AND TECHNOLOGY NO. 55. 11 Sep 67, 89p. JPRS-42545.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42545

Abstract trans. of Chung Kuo Nung Yek K'o Hsueh (Chinese People's Republic) n10 p1-57; n11 p1-57 1961; n11 p1-57 1962; n1 p1-56 1963; n8 p1-57; n10 p1-57 1965 and Chung Kuo Nung Yeh Chi Hsieh (Chinese People's Republic) n8 p2-40ff; n9 p2-40 1965

Field 02 - AGRICULTURE

TT-67-33174 Field 2D, 6F

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCE AND TECHNOLOGY NO. 56. 11 Sep 67, 46p. JPRS-42546.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42546

Abstract trans. of Chung Kuo Nung Yeh K'o Hsueh (Chinese People's Republic) n2 p1-57; n3 p1-56; n4 p1-56; n5 p1-56; n6 p1-56 1963.

TT-67-33200 Field 2D, 13F

NORTH VIETNAM: TRANSLATIONS NO. 245. 12 Sep 67, 15p. JPRS-42572.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42572

TT-67-33220 Field 2D, 2B, 5D, 5K

THE NEAR EAST: TRANSLATIONS NO. 189. 13 Sep 67, 43p. JPRS-42592.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42592

E. Animal husbandry

NCH-212 026 Field 2E

Rehm, W. F.; Weber, J. P.
DETERMINATION OF THE THERAPEUTICALLY EFFECTIVE RESIDENCE TIME OF SULFONAMIDES IN THE ORGANISM (t_{er}) IN VETERINARY MEDICINE. 1967, 17p. ATS-44U102G.
Order from ATS: $15.75 as ATS-44U102G

Trans. of Wiener Tieraerztliche Monatsschrift (Austria) v53 n8 p499-515 1966.

F. Forestry

NCH-211 881 Field 2F, 13L, 11L, 6C

Furyaiev, V. V.
SHELKOPRYADNIKI IN WEST SIBERIAN LOWLANDS AND FIRES WITHIN THEM (Shelkopryadniki v Zapadno Sibirchoi Nizmennosti i Pozhari v Nikh). Tr. by Jan Freyman. 1967, 31p, refs.
ODF-tr-71D; NRC-C-6602.
Order from NRC as C-6602

Trans. of mono. the Origin of Forest Fires, Moscow, 1964 p103-23.

TT-67-51304 Field 2F, 6C

Rovskii, V. M.
THE BREEDING OF FOREST TREES IN UZBEKISTAN (Selektsiya Lesnykh Porod v Uzbekistane). 1967, 21p, refs.
SFCSI-Agr(TT-67-51304).
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-51304

Trans. of Akademiya Nauk SSSR. Institut Lesa. Trudy, v8 p132-51 1951.

TT-67-51308 Field 2F, 6C, 4B

Kosets, N. I.
THE TIMBERLINE, KRUMMHOLZ AND FORESTS OF PROSTRATE TREES IN THE HIGH-MOUNTAIN ZONE OF THE SOVIET CARPATHIANS (O Granitse Lesa, Krivolesyakh i Stlanikakh v Vysokogoryakh Sovetskikh Karpat). 1967, 17p, refs. SFCSI-Agr(TT-67-51308).
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-51308

Trans. of Botanicheskii Zhurnal (USSR) v47 n7 p957-69 1962.

TT-67-51309 Field 2F, 6C

Kispatic, J.
OCCURRENCE OF RUST ON THE ALEPPO PINE IN ISTRIA (Pojava rde na Alepskom Boru u Istri). 1967, 15p, refs. SFCSI-Agr(TT-67-51309).
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-51309

Trans. of Sumarski List (Yugoslavia) v83 n1/3 p26-38 1959.

TT-67-62690 Field 2F, 11L

Ylinen, A.
ON THE INFLUENCE OF THE PERCENT OF SUMMERWOOD AND DENSITY ON THE ELASTIC MODULI, THE POISSON'S RATIOS AND THE SHEARING MODULI FOR WOOD WITH PRONOUNCED STRUCTURE OF ANNUAL RINGS. Jul 64, 28p. FPL-Trans-564.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62690

Trans. of Institute of Technology. Scientific Researches (Finland) n9 p1-26 1956.

03 ASTRONOMY AND ASTROPHYSICS

B. Astrophysics

TT-67-33195 Field 3B, 4A, 20C

Mustel, E. R.
SOLAR WINDS AND INTERPLANETARY MAGNETIC FIELDS. 12 Sep 67, 22p. JPRS-42567.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42567

Trans. of Priroda (USSR) n7 p13-23 1967.

C. Celestial mechanics

TT-67-62826 Field 3C

Gerber, P.
THE SPACE AND TIME DEPENDENT PROPAGATION OF GRAVITATION. 1967, 13p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62826

Trans. of Zeitschrift fuer Matematik und Physik (Germany) v43 p93-104 1898.

04 ATMOSPHERIC SCIENCES

A. Atmospheric physics

TT-67-51379 Field 4A

Khrgyan A. Kh.; Kuznetsov, G. I.; Kondrateva, A. V.
ATMOSPHERIC OZONE (Issledovanie Atmosfernogo Ozona). Tr. by Z. Lerman. 1967, 95p, refs.
SFCSI-Comm(TT-67-51379).

Order from CFSTI: HC$3.00, MF$0.65 as TT-67-51379

Trans. of Meteorologiya: Sbornik Statei (USSR) n8 1965.

TT-67-62854 Field 4A

Aleksandrova, A. K.; Byzova, N. L.; Mashkova, G. B.; Volkovitskaya, Z. I.
INVESTIGATION OF THE LOWER 300-METER LAYER OF THE ATMOSPHERE: SELECTED ARTICLES. 4 May 67, 63p, refs. FTD-MT-64-361; AD-658 244.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-658 244

Trans. of mono. Issledovanie Nizhnego 300-Metrovogo Sloya Atmosfery, Moscow, 1963 p3-34.

TT-67-62855 Field 4A, 4B, 8N, 8C

GUIDE TO SOVIET LITERATURE ACCESSIONS IN THE ATMOSPHERIC SCIENCES LIBRARY AND THE GEOPHYSICAL SCIENCES LIBRARY. Tr. by Irene A. Donehoo; Harold K. Gold. Sep 66, 51p. WB/TA-10.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62855

B. Meteorology

NCH-209 583 Field 4B

Drogaitsev, D. A.
STUDIES OF THE HISTORICAL OSCILLATIONS OF AIR TEMPERATURE ANOMALIES FOR THE PURPOSE OF FORECASTING THEM. 1966, 20p, refs. Trans-518(M).
Order from NLL

Trans. of Tsentralnyi Institut Prognozov. Trudy (USSR) n147 p10-26 1966.

NCH-209 622 Field 4B

Stekhnovskii, D. I.
FEATURES OF THE CIRCULATION OF THE ATMOSPHERE OF THE NORTHERN AND SOUTHERN HEMISPHERES WITH LARGE PRESSURE ANOMALIES IN THE NORTHERN HEMISPHERE IN 1955-1959. 1967, 40p, 29refs. Trans-494(M).
Order from NLL

Trans. of Meteorologiya: Sbornik Statei (USSR) n11 p126-57 1966.

TT-67-62856 Field 4B, 8C, 4A, 1C

GUIDE TO SOVIET LITERATURE ACCESSIONS IN THE ATMOSPHERIC SCIENCES LIBRARY AND THE GEOPHYSICAL SCIENCES LIBRARY. Tr. by Irene A. Donehoo; Harold K. Gold. Dec 66-Jan 67, 50p. WB/TA-12.
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TT-67-62857 Field 4B, 8C, 4A, 3B

GUIDE TO SOVIET LITERATURE ACCESSIONS IN THE ATMOSPHERIC SCIENCES LIBRARY AND THE GEOPHYSICAL SCIENCES LIBRARY. Tr. by Irene A. Donehoo; Henry Hacia. Jun-Jul 67, 64p. WB/TA-14.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62857

05 BEHAVIORAL AND SOCIAL SCIENCES

A. Administration and management

NCH-211 972 Field 5A, 5D

Kurakov, I. G.
SCIENCE, TECHNOLOGY AND COMMUNISM. 1966, 126p.
Order from PP

Trans. of Unidentified Russian language mono., n.p., n.d.

TT-67-33124 Field 5A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: GENERAL SCIENCE NO. 39. 7 Sep 67, 45p. JPRS-42496.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42496

Abstract trans. of K'o Hsueh T'ung Pao (Chinese People's Republic) n2 p33-64; n9 p257-88; n10 p289-320; n11 p321-52; n12 p353-84; n15 p449-80; n16 p481-512 1960.

TT-67-33130 Field 5A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: GENERAL SCIENCE NO. 40. 7 Sep 67, 27p. JPRS-42502.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42502

Abstract trans. of K'o Hsueh Hua Pao (Chinese People's Republic) n3 p81-105, 107-20 1963.

TT-67-33142 Field 5A

VESTNIK OF THE USSR ACADEMY OF SCIENCES, VOL. 37, NO. 4, 1967. 8 Sep 67, 214p. JPRS-42514.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42514

Trans. of Akademiya Nauk SSSR. Vestnik, v37 n4 p3-135 1967.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-33164 Field 5A, 5C

Dadayan, V.
ECONOMIC COMPUTATIONS ACCORDING TO A MODEL OF EXPANDED REPRODUCTION. 11 Sep 67, 164p. JPRS-42536.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42536

Trans. of mono. Ekonomicheskie Raschety po Modeli Rasshirennogo Vosproizvodstva, Moscow, 1966 196p.

TT-67-33191 Field 5A, 5C

Bashin, M.
PROBLEMS IN FINANCING SCIENTIFIC RESEARCH

WORK. 12 Sep 67, 10p. JPRS-42563.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42563

Trans. of Ekonomicheskaya Gazeta (USSR) n30
p30-1 1967.

TT-67-33192 Field 5A, 5C

Bogoroditskii, N.
VUZ STUDENTS URGED TO USE ECONOMIC
APPROACH TOWARD SCIENTIFIC RESEARCH.
12 Sep 67, 6p. JPRS-42564.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42564

Trans. from Izvestiya (USSR) 14 Jun p3 1967.

TT-67-33225 Field 5A, 5I

Krasnov, N.; Kremnev, I.; Aratov, I.
STUDIES IN THE TRAINING OF INDUSTRIAL
WORKERS AND IN SCIENTIFIC ORGANIZATION OF
WORK. 14 Sep 67, 34p. JPRS-42597.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42597

Trans. of Sotsialisticheskii Trud (USSR) v12 n6
p19-27, 35-43, 67-9 1967.

TT-67-33227 Field 5A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS:
GENERAL SCIENCES NO. 41. 14 Sep 67, 96p.
JPRS-42599.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42599

Abstract trans. of K'o Hsueh Ta Chung (Chinese
People's Republic) n1 p1-43ff; n2 p45-87ff;
n3 p89-132ff; n4 p133-75ff; n5 p177-219ff 1960.

C. Economics

TT-67-33103 Field 5C, 8F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON
LATIN AMERICA NO. 89. 6 Sep 67, 26p.
JPRS-42474.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42474

TT-67-33111 Field 5C, 2B, 5I

AFRICA: TRANSLATIONS NO. 630. 6 Sep 67, 35p.
JPRS-42483.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as
JPRS-42483

TT-67-33115 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL IN-
FORMATION NO. 156. 7 Sep 67, 24p. JPRS-42487.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42487

TT-67-33120 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT
IN EASTERN EUROPE: TRANSLATIONS NO. 735.
7 Sep 67, 79p. JPRS-42492.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42492

TT-67-33121 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT
IN EASTERN EUROPE: TRANSLATIONS NO. 736.
7 Sep 67, 40p. JPRS-42493.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42493

TT-67-33132 Field 5C, 8F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS
ON LATIN AMERICA NO. 90. 7 Sep 67, 105p.
JPRS-42504.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42504

TT-67-33139 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLA-
TIONS NO. 355. 8 Sep 67, 22p. JPRS-42511.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42511

TT-67-33143 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN
EASTERN EUROPE: TRANSLATIONS NO. 737. 36p.
JPRS-42515.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42515

TT-67-33145 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE:
TRANSLATIONS NO. 195. 8 Sep 67, 26p.
JPRS-42517.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42517

TT-67-33150 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANS-
LATIONS NO. 356. The Transferable Ruble is not
Only a Digital Unit. 8 Sep 67, 11p, refs. JPRS-42522.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42522

Trans. of Deutsche Finanzwirtschaft (East
Germany) n14 p15-7 1967.

TT-67-33155 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL IN-
FORMATION NO. 157. 11 Sep 67, 22p. JPRS-42527.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42527

TT-67-33158 Field 5C

USSR INTERNATIONAL ECONOMIC RELATIONS
NO. 102. 11 Sep 67, 20p. JPRS-42530.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42530

TT-67-33160 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN
EASTERN EUROPE: TRANSLATIONS NO. 738.
11 Sep 67, 18p. JPRS-42532.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as JPRS-42532

TT-67-33162 Field 5C, 5I, 5D

AFRICA: TRANSLATIONS NO. 631. 11 Sep 67, 45p. JPRS-42534.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42534

TT-67-33187 Field 5C, 2B, 5I, 5D

AFRICA: TRANSLATIONS NO. 632. 12 Sep 67, 56p. JPRS-42559.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42559

TT-67-33205 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 739. 12 Sep 67, 39p. JPRS-42577.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42577

TT-67-33229 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 740. 14 Sep 67, 35p. JPRS-42601.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42601

TT-67-33230 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 158. 14 Sep 67, 64p. JPRS-42602.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42602

TT-67-33232 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 159. 14 Sep 67, 19p. JPRS-42604.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42604

TT-67-33233 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 160. 14 Sep 67, 25p. JPRS-42605.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42605

D. History, law and political science

TT-67-33068 Field 5D, 12B

PROBLEMS IN INFORMATION TRANSMISSION, VOL. 3, NO. 2, 1967. 5 Sep 67, 187p, refs. JPRS-42439.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42439

Trans. of Problemy Peredachi Informatsii (USSR) v3 n2 p3-111 1967.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-33104 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 994. 6 Sep 67, 28p. JPRS-42475.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42475

TT-67-33125 Field 5D

THE NEAR EAST: TRANSLATIONS NO. 187. 7 Sep 67, 42p. JPRS-42497.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42497

TT-67-33126 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (21-27 AUG 1967): INDEX NO. 382. 7 Sep 67, 8p. JPRS-42498.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42498

Index to contents of la Stampa (Italy) 22-27 Aug 1967 and la Stampa Sera (Italy) 21 Aug 1967.

TT-67-33127 Field 5D, 15-

CUBA: TRANSLATIONS NO. 616. 7 Sep 67, 29p. JPRS-42499.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42499

TT-67-33131 Field 5D, 2B, 5C

COMMUNIST CHINA DIGEST NO. 189. 7 Sep 67, 255p. JPRS-42503.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42503

TT-67-33137 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 289. Approach to Non-Marxist Views. 8 Sep 67, 12p. JPRS-42509.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42509

TT-67-33153 Field 5D

COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 422. The Proletarian Cultural Revolution Forges Ahead. 8 Sep 67, 26p. JPRS-42525.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42525

TT-67-33161 Field 5D, 5C

NORTH VIETNAM: TRANSLATIONS NO. 243. 11 Sep 67, 29p. JPRS-42533.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42533

TT-67-33163 Field 5D, 5C, 5I

IRAN: PRESS INFORMATION REPORT NO. 30. 11 Sep 67, 56p. JPRS-42535.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42535

TT-67-33166 Field 5D, 5C

Moravia, A.
CHINESE CULTURAL REVOLUTION AS SEEN BY ALBERTO MORAVIA. China is Like an Immense School. 11 Sep 67, 22p. JPRS-42538.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42538

Trans. from Corriere della Sera (Italy) 2, 4, 6, 9 Jul p3 1967.

TT-67-33176 Field 5D, 13I, 2D

NORTH KOREA: TRANSLATIONS NO. 56. 11 Sep 67, 41p. JPRS-42548.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42548

TT-67-33177 Field 5D, 5C

CUBA: TRANSLATIONS NO. 617. 11 Sep 67, 61p. JPRS-42549.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42549

TT-67-33186 Field 5D

COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 423. Information from the Red Guard Press. 12 Sep 67, 27p. JPRS-42558.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42558

TT-67-33199 Field 5D, 5C

NORTH KOREA: TRANSLATIONS NO. 57. 12 Sep 67, 103p. JPRS-42571.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42571

Trans. of Kulloja (North Korea) n5 p2-64 1967.

TT-67-33203 Field 5D, 5C

THE NEAR EAST: TRANSLATION NO. 188. 12 Sep 67, 51p. JPRS-42575.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42575

TT-67-33204 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (28 AUG - 3 SEP 1967): INDEX NO. 383. 12 Sep 67, 9p. JPRS-42576.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42576

Index to contents of la Stampa (Italy) 29 Aug- 3 Sep 1967 and la Stampa Sera (Italy) 28 Aug 1967.

TT-67-33208 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 290. 12 Sep 67, 28p. JPRS-42580.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42580

TT-67-33213 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 995. 12 Sep 67, 140p. JPRS-42585.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42585

TT-67-33219 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 633. Economic and Cooperative Relations between Europe and Africa. 13 Sep 67, 103p. JPRS-42591.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42591

TT-67-33236 Field 5D, 5C

CUBA: TRANSLATIONS NO. 618. 14 Sep 67, 60p. JPRS-42608.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42608

TT-67-62794 Field 5D

Grosser, A.
FRANCO-SOVIET RELATIONS TODAY. Tr. by Jack Gollob and Elfriede Mendershausen. Aug 67, 103p. RM-5382-PR; AD-657 748.
Order from RAND Corp., 1700 Main St., Santa Monica, Calif. 90406: $4.00 as RM-5382-PR

Trans. of Unidentified French language mono., n.p., n.d.
Contract F44620-67-C-0045.

F. Humanities

TT-67-33218 Field 5F

MONGOLIA: TRANSLATIONS NO. 145. Proceedings of Fourth Congress of Mongolian Writers Union, Opened 27 June 1967, in Ulan Bator. 13 Sep 67, 43p. JPRS-42590.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42590

H. Man-machine relations

TT-67-33235 Field 5H, 5J

Rubakhin, V. F.
REPORT ON A SOVIET SYMPOSIUM ON THE "MAN-MACHINE" PROBLEM. 14 Sep 67, 8p. JPRS-42607.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42607

Trans. of Voprosy Psikhologii (USSR) n3 p185-7 1967.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

I. Personnel selection, training and evaluation

TT-67-33172 Field 5I

USSR LABOR: TRANSLATIONS NO. 202. 11 Sep 67, 38p. JPRS-42544.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42544

TT-67-33179 Field 5I

USSR LABOR: TRANSLATIONS NO. 203. 12 Sep 67, 29p. JPRS-42551.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42551

TT-67-33223 Field 5I, 2B, 5C

Le Duc Tho; To Huu; Nguyen Ngoc Triu; Lam Son.
NORTH VIETNAM: TRANSLATIONS NO. 246. 13 Sep 67, 89p. JPRS-42595.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42595

Trans. of Tuyen Huan (North Vietnam) n7 p1-47 1967.

K. Sociology

TT-67-33138 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 467. Rumanian Divorce Statistics. 8 Sep 67, 12p. JPRS-42510.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42510

06 BIOLOGICAL AND MEDICAL SCIENCES

TT-67-33106 Field 6-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 82. 6 Sep 67, 86p. JPRS-42477.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42477

TT-67-33221 Field 6-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 83. 13 Sep 67, 85p. JPRS-42593.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42593

TT-67-33237 Field 6-

USSR SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 46. 15 Sep 67, 68p. JPRS-42609.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42609

A. Biochemistry

NCH-212 027 Field 6A, 6O

Obrecht, P.; Fusenig, N. E.
BIOCHEMISTRY OF THE SO-CALLED CYTOSTATIC SIDE EFFECTS. COMPARATIVE INVESTIGATIONS. SECOND COMMUNICATION. ANAEROBIC AND AEROBIC GLYCOLYSIS AND RESPIRATION IN THE SMALL-INTESTINAL MUCOSA, THE TESTES, AND THE LIVER AFTER THE ADMINISTRATION OF TRENIMON, VELBE, AND NATULAN. 1967, 14p. ATS-43U102G.
Order from ATS: $19.85 as ATS-43U102G

Trans. of Klinische Wochenschrift (West Germany) v44 n23 p1339-44 1966.

NCH-212 068 Field 6A

Akhrem, A. A.; Kamernitskii, A. V.; Dubrovskii, V. A.; Moiseenkov, A. M.
TRANSFERRED STEROIDS. PT. 8, MECHANISM OF THE STEREOSPECIFIC CIS-OPENING OF THE OXIDE RING OF 16a, 17a-EPOXY-5-PREGNEN-38-OL-20-ONE. 1967, 9p. ATS-99U103R.
Order from ATS: $13.50 as ATS-99U103R

Trans. of Akademiya Nauk SSSR, Izvestiya. Seriya Khimicheskaya, n1 p115-21 1967.

NCH-212 128 Field 6A, 6H

Soboleva, G. A.; Chetverikov, A. G.; Bokuchava, M. A.
A STUDY OF THE MECHANISM OF THE FERMENTATIVE OXIDATION OF CATECHINS BY THE PARAMAGNETIC RESONANCE METHOD (Izuchenie Mekhanizma Fermentativnovo Okisleniya Katekhinov Metodom Elektronnovo Paramagnitnovo Rezonansa). Sep 67, 5p, refs. RTS-4168.
Order from NLL: 10s as RTS-4168

Trans. of mono. Biokhim. Progress Tekhnol. Chai. Proiz. (sic) n.p., 1966 p116-9.

NCH-212 160 Field 6A

Babakov, A. V.
PHYSICAL PROPERTIES OF PHOSPHOLIPID MODELS OF CELL MEMBRANES AND THE INFLUENCE OF AN ELECTRIC FIELD ON THEM. Sep 67, 4p, refs. RTS-4138.
Order from NLL: 12s 6d as RTS-4138

Trans. of Zhurnal Evolyutsionnoi Biokhimii i Fiziologii (USSR) v2 p102-7 1966.

TT-67-51401 Field 6A, 6E

Epifanova, O. I.
HORMONES AND THE REPRODUCTION OF CELLS. Tr. by Y. Halperin. 1967, 220p, refs. SFCSI-NSF(TT-67-51401).
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-51401

Trans. of mono. Gormony i Razmnozhenie Kletok, Moscow, 1965 240p.

TT-67-62778 Field 6A, 6E

Papotti, G.
METHODS OF COLORIMETRIC DETERMINATION OF HORMONES WITH STEROID STRUCTURE (Sui Metodi di Determinazione Colorimetrica degli Hrmoni a Struttura Steroidea). Tr. by Tatiana Boldyreff. 1 Aug 67, 18p. NMS-Trans-2044.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62778

Trans. of Minerva Medica (Italy) v57 p4400-5 1966.

TT-67-62840 Field 6A

Keyl, H. G.
DUPLICATIONS OF SUBUNITS OF CHROMOSOMAL DNA DURING THE EVOLUTION OF CHIRONOMUS THUMMI. 1967, 44p. ORNL-tr-1707.
Order from CFSTI or ETC: HC$3.00, MF$0.65

as ORNL-tr-1707

Trans. of Chromosoma (West Germany) v17 p139-80 1965.

C. Biology

NCH-209 697 Field 6C

Schwarz, S. S.
EXPERIMENTAL METHODS OF STUDYING THE INITIAL STAGES OF THE MICRO-EVOLUNTIONARY PROCESS (Eksperimentalnye Metody Issledovaniya Nachalnykh Stadii Mikro-Evolyutsionnogo Protsessa). Apr 67, 20p, refs. RTS-3927.
Order from NLL: L1 10s as RTS-3927

Trans. of mono. Vnutrividovaya Izmenchivostnazemnykh Pozvonochnykh i Mikroevolutsiya, n.p., 1966 p21-32.
Intraspecific Variability of Terrestrial Vertebrates and Microevolution.

NCH-209 925 Field 6C

Sukhareva, N. B.
ON FROST RESISTANCE IN INTERSPECIFIC HYBRIDS OF FRAGARIA (Ob Ustoichivosti k Zamorozkam Mezhidovykh Gibridov Fragaria). May 67, 10p, 18refs. RTS-3753.
Order from NLL: 12s 6d as RTS-3753

Trans. of Akademiya Nauk SSSR, Sibirskoe Otdelenie, Botanicheskie Sad: Trudy (USSR) n2 p59-64 1964.

NCH-211 404 Field 6C, 2F

Hugentobler, U. H.
ON THE CYTOLOGY OF THE FORMATION OF HEARTWOOD (Zur Cytologie der Kernholzbildung). 1967, 42p, refs. ODF-tr-106; NRC-C-6608.
Order from NRC as C-6608

Trans. of Naturforschende Gesellschaft in Zurich, Vierteljahrsschrift (Switzerland) v110 n2 p321-42 1965.

NCH-212 002 Field 6C

Eisenack, A.
SEVERAL LOWER ALGAE FROM THE BALTIC SILURIAN. 1967, 13p. ATS-41U102G.
Order from ATS: $15.75 as ATS-41U102G

Trans. of Senckenbergiana Lethaea (West Germany) v41 n1/6 p13-26 1960.

NCH-212 127 Field 6C

Aliev, A. A.
CATHETERIZATION OF PORTAL AND HEPATIC VEINS IN SHEEP (Kateterizatsiyi Vorotnoi i Pechenochnoi Ven u Ovets). Sep 67, 6p, refs. RTS-4158.
Order from NLL: 12s 6d as RTS-4158

Trans. of Fiziologicheskii Zhurnal SSSR, v52 n9 p1156-60 1966.

NCH-212 131 Field 6C

Belyaev, G. M.
OSMOREGULATORY PROPERTIES OF CHELATE CRUSTACEA (Osmoregulyatornye Sposobnosti Usonogikh Rakoobraznykh). Sep 67, 5p, refs. RTS-4176.
Order from NLL: 10s as RTS-4176

Trans. of Akademiya Nauk SSSR, Doklady, v67 n5 p901-4 1949.

NCH-212 132 Field 6C

Baimov, U. A.
ANALYSIS OF THE OVARIES OF THE BUBYR-BULLHEAD POMATOSCHISTUS CAUCASIOUS BERG, FROM THE ARAL SEA. Sep 67, 11p, refs. RTS-4182.
Order from NLL: 17s 6d as RTS-4182

Trans. of Uzbekskii Biologicheskii Zhurnal (USSR) n4 p63-8 1962.

NCH-212 133 Field 6C

Klevesal, G. A.; Kleinenberg, S. E.
ON THE IMPOSSIBILITY OF DETERMINING ANIMAL AGE BY THE NUMBER OF LAYERS IN THE LENS. (O Nevozmezbnost Epredeleniya Vozrasta Zhivotnykh po Chisln Sloev v Khrustalika Glaza). Sep 67, 8p, refs. RTS-4201.
Order from NLL: 10 s, as RTS-4201

Trans. of Zoologicheskii Zhurnal (USSR) v46 n4 p600-3 1967.

NCH-212 134 Field 6C

Salekhova, L. P.
GROWTH OF CERTAIN DEMERSAL AND SHORE FISHES IN SEAS OF THE MEDITERRANEAN BASIN (Rost Nekotorykh Pridonnykh i Pribrezhnykh ryb v Moryaka Sredizemnomorskogo Bazzeina). Sep 67, 14p, refs. RTS-4202.
Order from NLL: 17s 6d as RTS-4202

Trans. of mono. Osnovn. Cherty Geo. Stroen. Gidrol. Rezh. i Biol. Sred. Morya. (sic) n.p., 1965 p213-9.

NCH-212 139 Field 6C

Shvarts, S. S.; Pokrovskii, A. V.
AN EXPERIMENT ON RAPPROCHENT SPECIFIC SUBSPECIES COLOURATION OF TWO SHARPLY DIFFERENTIATED SUBSPECIES BY MEANS OF SELECTION IN LABORATORY POPULATIONS. Sep 67, 8p, refs. RTS-3929.
Order from NLL: 15s as RTS-3929

Trans. of Zoologicheskii Zhurnal (USSR) v45 n1 p119-24 1966.

NCH-212 141 Field 6C

Yurkova, H. N.
EFFECT OF THE TEMPERATURE FACTOR ON DUNALIELLA SALINA TEOD. 1967, 14p. RTS-4088.
Order from NLL: 17s 6d as RTS-4088

Trans. of Ukrayinskyi Botanichnyi Zhurnal (USSR) v22 n6 p51-7 1965.

NCH-212 142 Field 6C

Sirenko, L. A.
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NCH-212 143 Field 6C

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NCH-212 151 Field 6C

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NCH-212 152 Field 6C

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TT-66-51113 Field 6C, 2D

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TT-67-33151 Field 6C, 6E

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42523

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TT-67-33185 Field 6C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 242. 12 Sep 67, 27p. JPRS-42557.
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TT-67-33197 Field 6C

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42569

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TT-67-33222 Field 6C

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TT-67-51261 Field 6C, 8F

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TT-67-51262 Field 6C, 6F, 11G

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TT-67-51263 Field 6C, 8F

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TT-67-51325 Field 6C, 2F

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TT-67-51329 Field 6C, 7E, 2D

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TT-67-51334 Field 6C, 2F

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62800

Trans. of Journal de Microscopie (France) v6 n1 p81-4 1967.

E. Clinical medicine

NCH-211 982 Field 6E

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NCH-211 983 Field 6E, 14E

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NCH-212 004 Field 6E

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NCH-212 005 Field 6E

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SERODIAGNOSIS OF DRUG-INDUCED ALLERGIC AGRANULOCYTOSIS. 1967, 22p. ATS-64U101G.
Order from ATS: $34.85 as ATS-64U101G

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NCH-212 011 Field 6E, 6O

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Order from ATS: $11.50 as ATS-76U103G

Trans. of Medizinische Klinik (West Germany) v62 n16 p634-6 1967.

NCH-212 013 Field 6E

Brenier, J. L.
PRELIMINARY NOTE ON THE TREATMENT OF CANCER BY SURGERY COMBINED WITH INTRA-ARTERIAL CHEMOTHERAPY. 1967, 19p. ATS-12U103F.
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NCH-212 014 Field 6E, 6C

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Order from ATS: $23.75 as ATS-53U102F

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Order from ATS: $16.95 as ATS-52U102F

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NCH-212 018 Field 6E

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INTRA-ARTERIAL INFUSIONS, A NEW APPROACH IN CANCER CHEMOTHERAPY. 1967, 10p. ATS-14U103F.
Order from ATS: $15.50 as ATS-14U103F

Trans. of Journal de Medecine de Bordeaux et du Sud-Ouest (France) v142 p1445-56 1965.

NCH-212 055 Field 6E, 6A, 6O

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Order from ATS: $8.90 as ATS-87U103J

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NCH-212 062 Field 6E

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NCH-212 065 Field 6E, 6O

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Order from ATS: $7.25 as ATS-12U104N

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TT-67-33107 Field 6E, 6C, 6P

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 240. 7 Sep 67, 108p. JPRS-42478.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42478

TT-67-33133 Field 6E

VESTNIK OF THE USSR ACADEMY OF MEDICAL SCIENCES, NO. 7, 1967. 7 Sep 67, 140p, refs. JPRS-42505.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42505

Trans. of Akademiya Meditsinskikh Nauk SSSR. Vestnik, n7 92p 1967.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-33171 Field 6E, 6P

Gorizontov, P. D.; Maizelis, M. Ya.; Petrov, I. R., ed.; Chernukh, A. M., ed.
STUDY OF ORGANISM REACTIVITY TO DISEASE DEVELOPMENT. 11 Sep 67, 62p, refs. JPRS-42543.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42543

Trans. of mono. Obshchee Uchenie o Bolezni. Rezistentnost i Reaktivnost Organizma, Vol. 1. Mnogotomnoe Rukovodstvo po Patologicheskoi Fiziologii, Moscow, 1966 p286-319, T/C.
The General Theory of Disease. Resistance and Reactivity of the organism, Vol. I, Multivolume Manual on Pathologic Physiology.

TT-67-33217 Field 6E, 6C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 244. 13 Sep 67, 107p. JPRS-42589.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42589

TT-67-33226 Field 6E

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 246. 14 Sep 67, 58p. JPRS-42598.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42598

Abstract trans. of Chung Hua Fu Ch'an K'o Tsa Chih (Chinese People's Republic) v11 n1 p1-80ff; n2 p87-166ff 1965.

TT-67-33228 Field 6E, 5I, 6I

NORTH VIETNAM: TRANSLATIONS NO. 247. 14 Sep 67, 17p. JPRS-42600.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42600

TT-67-62719 Field 6E, 6P

Lindhardt, M.
CAUSE OF DEATH OF DOCTORS. II. REPORT FROM THE BOARD OF HEALTH. 10 Aug 67, 6p. NIH-8-23-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62719

Trans. of Ugeskrift for Laeger (Denmark) v110 n30 p863-5 1948.

TT-67-62777 Field 6E

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NEUROLOGICAL MANIFESTATIONS IN THE COURSE OF SCHOENLEIN-HENOCH DISEASE (Manifestazioni Neurologiche in Corso di Malattia di Schoenlein-Henoch. Tr. by Tatiana Boldyreff. 20 Jul 67, 11p (refs. omitted). NMS-Trans-2040.
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Trans. of Rivista di Neurologia (Italy) v35 p188-93 1965.

TT-67-62792 Field 6E

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62792

Trans. of Lotta Contro la Tubercolosi (Italy) v35 p969-75 1965.

TT-67-62793 Field 6E, 6M

Markowa, J.; Marek, A.; Popiela, T.; Zurek, W.
RESEARCH ON BONE AND JOINT INFLAMMATION ON NON BACTERIALORIGIN (Badania nad Zapaleniem Kosci i Stawow Niebakteryjnego Puchodzenia). Tr. by Tatiana Boldyreff. 7Aug 67, 9p (figs. refs omitted) NMS-Trans-2045.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62793

Trans. of Chirurgja Narzadow Ruchu i Ortopedja Polska, v28 p997-1005 1963.

TT-67-62795 Field 6E

Yoshiaki Iwahashi; Takeshi Setsuda.
EXPERIMENTAL STUDIES ON CONGENITAL BONE MARROW FRAGILITY AND LEUKEMIA. 18 Aug 67, 30p, refs. NIH-8-33-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62795

Trans. of Nihon Ketsueki Gakkai Zasshi (Japan) v21 p20-36 1958.

TT-67-62796 Field 6E, 6O, 6R

Mathe, G.; Amiel, J. L.; Schwarzenberg, L.; Cattan, A.; Schneider, M.
CURRENT AGENTS AND INDICATIONS IN THE TREATMENT OF ACUTE LEUKEMIA. Tr. by M. Hajdu. 21 Aug 67, 11p, 68refs. NIH-8-30-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62796

Trans. of Europa Medica. Ed. Francaise, v5 n4 p202-8 1966.

TT-67-62799 Field 6E

Yoshio Wada; Yoshinaga Tanakadate; Mitsuhiko Yamafuji; Yoshihisa Furusawa; Hiroshi Nakaseko.
INTERNAL AND CLINICAL STUDY OF LUNG CANCER. 16 Aug 67, 18p, 37refs. NIH-8-36-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62799

Trans. of Nippon Rinsho (Japan) v18 n2 p228-34 1960.

TT-67-62801 Field 6E, 6D, 6A, 5J

Constantinides, J.; Issidorides, M.
FACTS AND HYPOTHESES IN THE STUDY OF THE HISTOCHEMICAL SUBSTRATUM OF MEMORY. Tr. by M. Hajdu. 18 Aug 67, 24p, refs. NIH-8-28-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62801

Trans. of Encephale (France) v55 n6 p467-95 1966.

TT-67-62802 Field 6E, 6P, 6S

Muravov, I. V.
THE ROLE PLAYED BY PHYSICAL EXERCISE AND PHYSICAL CULTURE IN THE PREVENTION OF PREMATURE AGING. Tr. by H. Warfield.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62802

Trans. of mono. Rol Dvigatelnogo Rezhima i Fizicheskoi Kulturya v Profilaktike Prezhdevremennogo Stareniya, Kiev, 1965 12p.

TT-67-62831 Field 6E

Weitzman, E. D.; Remond, A.; Lesevre, N.
CHRONOTOPOGRAPHIC STUDY OF EVOKED AUDITORY POTENTIALS OBTAINED ON SCALP OF NORMAL MAN DURING SLEEP AND WAKEFUL STATE. Tr. by J. Chapin. 23 Aug 67, 15p, 5refs. NIH-8-31-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62831

Trans. of Revue Neurologique (France) v113 n3 p253-61 1965.

TT-67-62832 Field 6E

Mathe, G.
IMMUNOTHERAPY OF CANCER. Tr. by M. Hajdu. 31 Aug 67, 9p, refs. NIH-8-32-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62832

Trans. of la Presse Medicale (France) v75 n19 p947-9 1967.

TT-67-62834 Field 6E

Hagen, F. B.
A CONTRIBUTION TO SURGERY OF THE SPLEEN. 1967, 38p, refs. NIH-8-38-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62834

Trans. of Langenbecks Archiv fuer Klinische Chirurgie, Vereinigt mit Deutsche Zeitschrift fuer Chirurgie (West Germany) v62 p188-231 1900.

TT-67-62835 Field 6E

Dalla Volta, A.
REPRESENTATION OF THE INDISTINCT AND DEVELOPMENT OF THE CHILD. 22 Aug 67, 86p. NIH-8-21-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62835

Trans. of Minerva Pediatrica (Italy) v3 p44-79 1951.

F. Environmental biology

TT-67-33214 Field 6F, 7A, 2D, 6C

Raskai, B.
WORLD STATUS OF THE PLANT-PROTECTING AGENT INDUSTRY AND RESEARCH WITH SPECIAL REFERENCE TO HUNGARIAN CONDITIONS. 13 Sep 67, 14p. JPRS-42586.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42586

Trans. of Magyar Kemikusok Lapja (Hungary) v19 n10/11 p577-82 1964.

H. Food

NCH-212 025 Field 6H, 13H

Spanyar, P.; Kevei, E.; Szarfoldi, I.
LOSS OF AROMA IN COFFEE EXTRACT DURING FREEZE-DRYING. 1967. ATS-66U102G.
Order from ATS as ATS-66U102G

Trans. of Kaeltetechnik (West Germany) v19 n10 p549-50, 552-5 1966.

NCH-212 140 Field 6H

Piskarev, A. I.
VARIOUS PROBLEMS IN THE TECHNOLOGY OF FISH PRESERVATION IN CHILLED SEA WATER (Nekotorye Voprosy Technologii Khraneniya Rybbi v Okhlazhdennoi Morskoi Vode). Sep 67, 7p. RTS-4077.
Order from NLL: 10s as RTS-4077

Trans. of Rybnoe Khozyaistov (USSR) v43 n2 p47-50 1967.

J. Industrial (occupational) medicine

NCH-212 061 Field 6J

Filatova, A. S.; Kuzminykh, A. I.; Vedernikova, F. D.; Solomennikova, N. S.
METHOD OF DETERMINING 3,4-BENZOPYRENE LIBERATED DURING VOLATILIZATION OF THE ANODE MATERIAL IN CELL-ROOMS OF ALUMINUM PLANTS. 1967, 4p. ATS-50U103R.
Order from ATS: $6.25 as ATS-50U103R

Trans. of Gigiena i Sanitariya (USSR) v31 n6 p55-8 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

M. Microbiology

TT-67-51290 Field 6M, 2F, 2D

Imshenetskii, A. A., ed.
MYCOTROPHY IN PLANTS. Tr. by S. Nemchonok. 1967, 369p, refs. SFCSI-Agr(TT-67-51290).
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-51290

Trans. of Konferentsiya po Mikotrofii Rastenii, 23-25 Nov 1953. Trudy, Moscow, 1955.

TT-67-62718 Field 6M, 2E, 6C

Eto, M.; Ichihara, T.; Tsunoda, T.; Watanabe, S.
OUTBREAKS OF TRANSMISSIBLE GASTRO-ENTERITIS AMONG SWINE IN THE KYUSHU REGION. 1967, 12p, refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62718

Trans. of Nihon Juishikai Zasshi (Japan) v15 n1 p16-9 1962.

TT-67-62830 Field 6M, 6E, 6A

Sheinbergas, M. M.
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TT-67-33183 Field 7A

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-212 125 Field 7D, 20B

Khotsyanova, T. L.; Struchkov, Yu. T.
X-RAY INVESTIGATION OF DIPHENYLIODONIUM IODIDE CRYSTALS (Rentgenograficheskoe Issledovanie Kristallov Iodida Difeniliodoniya). Sep 67, 5p, refs. RTS-4150.
Order from NLL: 7s 6d as RTS-4150

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v26 n5 p644-6 1952.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-212 147 Field 7D,

Panchenkov, G. M.; Zhorov, Yu. M.
DETERMINATION OF THE ORDER OF GASEOUS HETEROGENEOUS-CATALYTIC REACTIONS OCCURING IN A FLOW-STREAM (Opredelenie Poryadka Gazovykh Geterogenno-Kataliticheskikh Reaktsii Protekayushchikh b Potoke). Sep 67, 8p, 9refs. RTS-4111.
Order from NLL: 17s 6d as RTS-4111

Trans. from Kinetika i Kataliz (USSR) p133-9 1960.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-212 159 Field 7D, 20B

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X-RAY INVESTIGATION OF THE CRYSTAL STRUCTURE OF DIPHENYLIODONIUM CHLORIDE (Rentgenograficheskoe Issledovanie Kristallicheskoi Struktury Khlorida Difeniliodoniya). Oct 67, 5p.

RTS-4149.
Order from NLL: 7s 6d as RTS-4149

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v26 n5 p669-71 1952.

NCH-212 161 Field 7D

Rickert, H.; Steiner, R.
ELECTROCHEMICAL MEASUREMENT OF OXYGEN DIFFUSION IN METALS AT HIGH TEMPERATURES. Tr. by D. A. Sinclair. 1967, 13p, refs. NRC-TT-1295; NRC-C-6699.
Order from NRC: $1.00 as C-6699

Trans. of Zeitschrift fuer Physikalische Chemie, Frankfurt (West Germany) v49 n3/4 p127-37 1966.

TT-67-33169 Field 7D, 7C, 7A

Szabo, Z.
CURRENT STATUS OF CATALYSIS RESEARCH IN HUNGARY. 11 Sep 67, 8p. JPRS-42541.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42541

Trans. of Magyar Kemikusok Lapja (Hungary) v22 n7 p337-9 1967.

TT-67-62736 Field 7D

Kiperman, S.; Temkin, M.
THE KINETICS OF AMMONIA SYNTHESIS ON MOLYBDENUM CATALYST. 1967, 16p, IS-Trans-68.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as IS-Trans-68

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TT-67-62738 Field 7D

Kiperman, S.
THE KINETICS OF AMMONIA SYNTHESIS ON RUTHENIUM. 1967, 30p. IS-Trans-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as IS-Trans-66

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v21 p1435-48 1947.

TT-67-62749 Field 7D

Schmid, E.
POTENTIOMETRIC COULOMETRY AND ITS APPLICATION FOR DETERMINATION OF URANIUM AND PLUTONIUM. 1967, 24p, refs. RFP-Trans-27.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as RFP-Trans-27

Trans. of Oesterreichische Chemiker-Zeitung (Austria) v67 p8-16 1966.

TT-67-62828 Field 7D

Barriol, J.; Weisbecker, A.
STUDY OF SOME BINARY SYSTEMS (Etude de Quelques Systemes Binaires par Voie Dielectrique). Tr. by Louise Piywaski. Sep 66, 8p.

Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62828

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E. Radio and radiation chemistry

NCH-212 042 Field 7E, 6A

Evstigneev, V. B.; Gavrilova, V. A.; Krasnovskii, A. A.
THE EFFECT OF FOREIGN MOLECULES ON THE ABSORPTION SPECTRUM AND FLUORESCENCE OF MAGNESIUM PHTHALOCYANINE AND CHLOROPHYLL IN SOLUTION. 1967, 5p. ATS-65U103R.
Order from ATS: $7.95 as ATS-65U103R

Trans. of Akademiya Nauk SSSR. Doklady, v70 n2 p261-4 1950.
Also listed as RT-3707.

08 EARTH SCIENCES AND OCEANOGRAPHY

A. Biological oceanography

TT-67-33184 Field 8A, 6H, 6C, 6M

USSR FISHING INDUSTRY AND MARINE RESOURCES: TRANSLATIONS NO. 7. 12 Sep 67, 37p. JPRS-42556.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42556

C. Dynamic oceanography

TT-67-62780 Field 8C, 8J

Wuest, G.
CURRENT VELOCITIES, SPECIFICALLY IN THE DEEP AND BOTTOM WATERS (Die Stromgeschwindigkeiten, Besonders im Tiefen- und Bodenwasser). Tr. by M. Slessers. 1967, 35p, 9refs. NOO-Trans-348.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62780

Trans. of Deutsche Atlantische Expedition auf dem Vermessungs und Forschungsschif "Meteor", v6 n2 p321-51 1957.

F. Geography

NCH-211 980 Field 8F

Pecsi, M.
APPLIED GEOGRAPHY IN HUNGARY. 1964, 211p.
Order from Akademiai Kiado, Budapest, Hungary

Trans. of Unidentified mono., Budapest, n.d.

TT-67-33122 Field 8F

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 121. 7 Sep 67, 15p. JPRS-42494.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42494

Abstract trans. of Ti Li (Chinese People's Republic) n4 p121-60; n5 p161-200 1962.

G. Geology and mineralogy

NCH-211 963 Field 8G, 11F, 13H

Monsaingeon, M. J.
THE PLANT OF ALUMINUM DE GRECE. Jul 67. MT-Trans-831.
Order from MT: $51.65 as MT-831

Trans. of Annales des Mines (France) Mar p11-30 1967.

NCH-211 967 Field 8G, 7E, 13H

Cibulka, J.; Konopljova, N.
A STUDY OF XANTHATE ADSORPTION ON PYRITE ORE MINERALS. Jul 67. MT-Trans-850.
Order from MT: $18.65 as MT-850

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NCH-212 001 Field 8G

Strauch, F.
AUTECOLOGY AND NOTEWORTHY OCCURRENCES OF SPIRORBIS DAUDIN 1800 (POLYCHAETA SEDENTARIA) IN THE UPPER CARBONIFEROUS OF THE SAARLAND. 1967, 5p. ATS-24U99G.
Order from ATS: $9.00 as ATS-24U99G

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NCH-212 033 Field 8G

Nikitin, A. A.; Tarkhov, A. G.; Mikhailov, I. N.
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Order from ATS: $7.50 as ATS-08U104R

Trans. of Razvedochnaya Geofizika (USSR) n15 p88-93 1966.

NCH-212 059 Field 8G

Aprelkov, S. E.; Bondarenko, V. N.
NEW DATA ON THE GEOLOGY OF SOUTHEAST KAMCHATKA. 1967, 16p. ATS-92U102R.
Order from ATS: $27.75 as ATS-92U102R

Trans. of Sovetskaya Geologiya (USSR) v8 n3 p74-88 1965.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-212 066 Field 8G

Maidebor, V. N.; Postash, M. F.; Lebedinets, N.P.; Chekhovskaya, G. Yu.
THE STUDY AND DEVELOPMENT OF OIL ACCUMULATIONS IN THICK, FRACTURED RESERVOIRS. 1967. ATS-78U100R.
Order from ATS: $13.25 as ATS-78U100R

Trans. of Neftyanoe Khozyaistvo (USSR) v40 n4 p29-35 1962.

NCH-212 074 Field 8G

Wang Pu; Lu Wan-Chuen.
TWO NEW SERPENTINE GROUP MINERALS: FLUORANTIGORITE AND FLUOROCHRYSOTILE.
8 Sep 67. IAI-ATS-4.
Order from IAI: $2.00 as ATS-4

Trans. of K'o Hsueh T'ung Pao (Chinese People's Republic) n9 p822-4 1965.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-61-11147-163 Field 8G, 3A, 22B, 4A

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE NO. 163. 6 Sep 67, 163p. JPRS-42481.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42481

Also available on subscription $16.00/year foreign $20.00/year.

TT-67-51257 Field 8G, 8M, 13M

Bondarik, G. K.
DYNAMIC AND STATIC SOUNDING OF SOILS IN ENGINEERING GEOLOGY. Tr. by E. Vilim. 1967, 144p, refs. SFCSI-Int(TT-67-51257).
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-51257

Trans. of mono. Dinamincheskoe i Staticheskoe Zondirovanie Gruntov v Inzhenernoi Geologii, Moscow, 1964 166p.

TT-67-62559 Field 8G

Godin, Yu. N.
COMPLEX GEOPHYSICAL INVESTIGATIONS OF THE ABYSSAL STRUCTURE OF THE EARTH'S CRUST IN THE EXAMPLE OF THE CASPIAN SEA REGION (Kompleksnye Geofizicheskiye Issledovaniya Glubinnogo Stroeniya Zemnoi Kory na Primere Zakaspiya). Tr. by Walter L. Burton. 1967, 43p, 17refs. ACIC-TC-998.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62559

Trans. of Congreso Geologico Internacional Sesion (no. 20) Ciudad de Mexico, 1956. Section IX, v2, Mexico, 1958 p327-48.

TT-67-62560 Field 8G

Lomnitz, C.
GRAVIMETRIC RESEARCH IN THE CHILLAN REGION (Investigaciones Gravimetricas en la Region de Chillan). Tr. by John M. Willis. May 66, 23p, refs. ACIC-TC-1041.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62560

Trans. of Instituto de Investigaciones Geologicas, Santiago. Bulletin (Chile) n4 p6-19 1959.

I. Mining engineering

NCH-212 063 Field 8I

Heinemann, Z.
STUDY OF THE APPLICATION OF UNDERGROUND COMBUSTION FOLLOWED BY WATER INJECTION. 1967, 11p. ATS-70U103H.
Order from ATS: $14.75 as ATS-70U103H

Trans. of Banyaszati Lapok (Hungary) v100 n3 p198-203 1967.

NCH-212 064 Field 8I

Ryzhik, V. M.
THE IMMOBILE GAS ZONE DURING DISPLACEMENT OF GAS BY WATER FROM A POROUS MEDIUM. 1967, 7p. ATS-03U103R.
Order from ATS: $12.35 as ATS-03U103R

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-212 072 Field 8I

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A STUDY OF CAPILLARY IMPREGNATION OF POROUS MEDIA AS APPLIED TO MODELING OF THE PROCESS OF GAS DISPLACEMENT BY WATER. 1967, 6p. ATS-47U103R.
Order from ATS: $10.25 as ATS-47U103R

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika Zhidkosti i Gaza, n1 p175-8 1967.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-212 155 Field 8I

Krivchenko, A. A.; Tsyarko, N. F.
IMPROVEMENT OF HYDRAULIC CUTTING OF COAL. The Improvement of Methods and Means of Hydraulic Mining. Sep 67, 6p, 4refs. RTS-4141.
Order from NLL: 10s as RTS-4141

Trans. of Ugol (USSR) v39 n9 p23-6 1964.

NCH-212 158 Field 8I

Nikonov, G. P.; Karachentsev, V. I.
AN INVESTIGATION ON THE HYDRAULIC CUTTING OF COAL BY FINE, HIGH-PRESSURE JETS (Issledovanie Gibrootboiki Uglya Tonkimi Visokonapornimi Struyami). Sep 67, 6p. RTS-4147.
Order from NLL: 7s 6d as RTS-4147

Trans. of Ugol (USSR) v39 n9 p26-8 1964.

09 ELECTRONICS AND ELECTRICAL ENGINEERING

B. Computers

TT-67-33108 Field 9B, 9C

EAST EUROPEAN ELECTRONIC AND PRECISION EQUIPMENT INDUSTRIES: TRANSLATIONS NO. 18. 6 Sep 67, 18p. JPRS-42479.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42479

TT-67-62790 Field 9B

Doncov, B., comp.
COMPUTER TECHNOLOGY. 31 Aug 67, 31p,

18refs. ATD-67-43; AD-657 770.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-657 770

Surveys of Foreign Scientific and Technical Literature.

C. Electronic and electrical engineering

NCH-212 000 Field 9C

Borner, M.
MECHANICAL FILTERS WITH ATTENUATION POLES. 1967, 8p. ATS-69U102G.
Order from ATS: $13.00 as ATS-69U102G

Trans. of Archiv der Elektricschen Uebertragung (West Germany) v17 n3 p103-7 1963.

TT-67-33134 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 81. 7 Sep 67, 132p. JPRS-42506.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42506

D. Information theory

TT-67-33210 Field 9D, 9B, 13H, 6D

USSR SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 46. 12 Sep 67, 56p. JPRS-42582.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42582

E. Subsystems

TT-67-33188 Field 9E

Kuleshov, V. N.; Popov, A. S.
SYNTHESIS OF AUTOMATIC FREQUENCY CONTROL SYSTEMS RESPONDING TO THE DOPPLER FREQUENCY SHIFT. 12 Sep 67, 18p, refs. JPRS-42560.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42560

Trans. of Radiotekhnika (USSR) v22 n5 p35-43 1967.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-62852 Field 9E

Rankis, G. Zh.
THE PRINCIPAL FACTORS DETERMINING THE DIRECTIONAL PATTERN OF A DIELECTRIC ANTENNA. 3 Jul 67, 17p, 16refs. RSIC-686; AD-658 225.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-658 225

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Radiotekhnika (USSR) v9 n1 p97-104 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

10 ENERGY CONVERSION (NON-PROPULSIVE)

B. Power sources

TT-67-33140 Field 10B

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 391. Long-Term Plans for the Development of Electric Power. 8 Sep 67, 6p. JPRS-42512.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42512

Trans. of Ekonomska Politika (Yugoslavia) 12 Aug p988-9 1967.

TT-67-33148 Field 10B, 21D

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, FUELS AND RELATED EQUIPMENT NO. 67. 8 Sep 67, 25p. JPRS-42520.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42520

TT-67-33181 Field 10B, 21D

Marinov, A. M.; Shabalin, N. S.; Smidovich, V. A.; Kryzhanovskii, V. A.
USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, FUELS AND RELATED EQUIPMENT NO. 68. 12 Sep 67, 21p, refs. JPRS-42553.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42553

Trans. of Elektricheskie Stantsii (USSR) n7 p2-7, 71-4 1967.

TT-67-33231 Field 10B, 9D, 6D

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, FUELS AND RELATED EQUIPMENT NO. 69. 14 Sep 67, 26p. JPRS-42603.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42603

11 MATERIALS

TT-67-33110 Field 11-, 13H

EAST EUROPEAN SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 16. 6 Sep 67, 59p. JPRS-42482.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42482

B. Ceramics, refractories and glasses

NCH-212 048 Field 11B

Belyshkin, D. V.
THE FEASIBILITY OF USING ICE FOR POLISHING GLASS AND CRYSTALS. 1967, 4p. ATS-48U103R.
Order from ATS: $7.00 as ATS-48U103R

Trans. of Steklo i Keramika (USSR) v23 n10 p7-9 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-62865 Field 11B, 20K

Reznikov, B. I.
ANALYSIS OF STATIONARY FRACTURE PARAMETERS OF GLASSY MATERIALS. 1967, 6p, 5refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62865

Trans. of Politekhnicheskii Institut, Leningrad. Trudy (USSR) n265 p60-4 1966.

C. Coatings, colorants and finishes

NCH-211 778 Field 11C, 7C

Bansho, Y.; Saito, I.; Suzuki, S.
AZO PIGMENT RESEARCH. CONDITIONS OF FORMATION OF LITHOL RED. 1967, 14p, 2refs.
Order from Geigy (U.K.) Ltd., Hawkhead Road, Paisley, Scotland: $15.00

Trans. of Government Chemical Industrial Research Institute, Tokyo. Rept. (Japan) v15 n2 p160-7 1965.

NCH-211 779 Field 11C, 7C

Bansho, Y.; Saito, I.
AZO PIGMENT RESEARCH. CRYSTAL TRANSITION OF THE SODIUM SALT OF LITHOL RED. 1967, 11p, 2refs.
Order from Geigy (U.K.) Ltd., Hawkhead Road, Paisley, Scotland: $10.00

Trans. of Government Chemical Industrial Research Institute, Tokyo. Rept. (Japan) v15 n2 p168-72 1965.

NCH-211 780 Field 11C, 7C

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AZO PIGMENT RESEARCH. CONDITIONS OF FORMATION OF SODIUM SALTS OF WATCHUNG RED, AND CRYSTAL TRANSITION. 1967, 14p, 4refs.
Order from Geigy (U. K.) Ltd., Hawkhead Road, Paisley, Scotland: $15.00

Trans. of Government Chemical Industrial Research Institute, Tokyo. Rept. (Japan) v15 n2 p173-9 1965.

NCH-212 023 Field 11C, 7C

Luettke, W.; Klessinger, M.
THEORETICAL AND SPECTROSCOPIC INVESTIGATIONS OF INDIGO DYES. PART 1. ABSORPTION SPECTRA IN THE INFRARED AND IN THE VISIBLE OF SIMPLE INDIGO DYES. 1967, 15p. ATS-66U103G.
Order from ATS: $24.85 as ATS-66U103G

Trans. of Chemische Berichte (West Germany) v97 p2342-57 1964.

E. Fibers and textiles

NCH-212 137 Field 11E

Gvenetadze, N. G.
APPLICATION OF ELECTRIC HEATING ON A KV-300-1 DRAWTWISTER (Primenenie Electroobogrevanya na Krutilno-Vytazhnoi Mashine KV-300-1). Oct 67, 2p. RTS-4211.
Order from NLL: 5s as RTS-4211

Trans. of Khimicheskie Volokna (USSR) n2 p68-9 1967.

NCH-212 145 Field 11E, 13I

Rabkin, R. L.
A NEW SYSTEM OF ELECTRIC HEATING ON DRAW-WINDING MACHINES (Novaya Sistyema Electronagryevanie na Krutilno-Vytyazhnykh Mashinakh). Oct 67, 7p, 1ref. RTS-4102.
Order from NLL: 10s as RTS-4102

Trans. of Khimicheskie Volokna (USSR) n1 p63-6 1967.

NCH-212 154 Field 11E

Solodkin, B. I.
NEW GILLS FROM THE KLINTSOV WORKS (Novye Lentochnye Mashiny Klintsovskovo Zavoda). Sep 67, 2p. RTS-4133.
Order from NLL: 2s 6d as RTS-4133

Trans. of Tekstilnaya Promyshlennost (USSR) n4 p38-9 1967.

F. Metallurgy and metallography

NCH-211 945 Field 11F, 20K

Sejnoha, R.; Jakob, M.
EASY DEFORMATION OF MARTENSITE. Jul 67. MT-Trans-689.
Order from MT: $14.00 as MT-689

Trans. of Kovove Materialy (Czechoslovakia) v4 n3 p221-7 1966.

NCH-211 946 Field 11F, 18H

Goller, R.
IMPROVING THE MECHANICAL PROPERTIES OF 0.45%C-1%Cr-4%Ni STEEL BY HIGH-TEMPERATURE THERMO-MECHANICAL TREATMENT AND COLD DEFORMATION. Jul 67. MT-Trans-734.
Order from TC: $17.25 as TC-734

Trans. of Kovove Materialy (Czechoslovakia) v4 n4 p377-84 1966.

NCH-211 947 Field 11F, 20K

Gero, R.
CONTRIBUTION TO THE STUDY OF DUCTILE FRACTURE OF LOW-CARBON STEELS. Jul 67. MT-Trans-738.
Order from MT: $18.65 as MT-738

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NCH-211 951 Field 11F, 7D

Tuma, H.; Lobl, K.; Grobner, P.
KINETICS OF THE PRECIPITATION REACTION OF THE CHROMIUM CARBIDE $M_{23}C_6$ IN Cr18Ni9 STAINLESS STEELS WITH A LOW CARBON CONTENT. Jul 67. MT-Trans-761.
Order from MT: $16.15 as MT-761

Trans. of Kovove Materialy (Czechoslovakia) v4 n6 p449-61 1966.

NCH-211 952 Field 11F, 13H

Cerveny, E.; Endrle, M.
ROLLING OF FREE-CUTTING STEELS WITH SULPHUR. Jul 67. MT-Trans-768.
Order from MT: $31.00 as MT-768

Trans. of Hutnik (Czechoslovakia) v17 n1 p19-24 1967.

NCH-211 954 Field 11F, 13I

Riman, R.; Labonek, F.
CHEMICAL COMPOSITIONS OF SEGREGATES IN WROUGHT ROLLER BEARING STEELS. Jul 67. MT-Trans-784.
Order from MT: $3.00 as MT-784

Trans. of Hutnicke Listy (Czechoslovakia) v22 n4 p250-6 1967.

NCH-211 961 Field 11F, 13C

Endtinger, F.; Weber, H.
STABILITY OF ALUMINIUM IN CONTACT WITH ALKALINE BUILDING MATERIALS. Jul 67. MT-Trans-826.
Order from MT: $24.40 as MT-826

Trans. of Schweizer Aluminium Rundschau. Revue Suisse de l'Aluminium (Switzerland) v17 n3 p75-85 1967.

NCH-211 962 Field 11F, 11C

Hron, J.; Barton, K.
THE USE OF MAGNESIUM ALLOYS IN ENGINEERING AND THEIR PROTECTION. Jul 67. MT-Trans-829.
Order from MT: $17.85 as MT-829

Trans. of Strojirenstvi (Czechoslovakia) v15 n10 p763-7 1965.

NCH-211 970 Field 11F, 20K

Huvar, L.
REDUCING THE TENDENCY OF STRUCTURAL STEELS TO HAIRLINE CRACK FORMATION BY THE ADDITION OF RARE EARTH ELEMENTS. Jul 67. MT-Trans-716.
Order from MT: $17.00 as MT-716

Trans. of Hutnicke Listy (Czechoslovakia) v21 n9 p626-30 1966.

NCH-212 030 Field 11F, 7D

Tu, K. T.; Ho, K. Y.; Chan, Y. L.
THE EFFECTS OF VANADIUM ON LONG-RANGE ORDER IN 50% Fe-Co ALLOY AS STUDIED BY THE NETURON DIFFRACTION METHOD. 1967, 5p. ATS-77U102CH.
Order from ATS: $9.85 as ATS-77U102CH

Trans. of Wu Li Hsueh Pao (Chinese People's Republic) v21 n6 p1304-7 1965.

NCH-212 075 Field 11F

Chiampo, P.; Remondino, M. S.
STUDIES ON THE HOT CORROSION OF SOME STAINLESS STEELS WITH THE OCTEL METHOD. Jul 67, 15p (foreign text included) refs. INC-Trans-67/171.
Order from NLL

Trans. of la Metallurgia Italiana, n3 p193-209 1967.

NCH-212 082 Field 11F

Schwomma, O.; Nowotny, H.
THE RUTHENIUM-TIN SYSTEM. Jun 67, 3p (foreign text included). INC-Trans-67/175.
Order from NLL

Trans. of Monatshefte fuer Chemie (Austria) v95 p1538-43 1964.

NCH-212 083 Field 11F, 13H

Kruglikov, S. S; Semina, E. V.; Kudryavtsev, N. T.
THE USE OF A ROTATING DISC ELECTRODE IN THE POLARIZATION ANALYSIS OF NICKEL-PLATING ELECTROLYTES. Jul 67, 4p (foreign text included) refs. INC-Trans-67/221.
Order from NLL

Trans. of Zashchita Metallov (USSR) v3 n1 p92-5 1967.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-212 084 Field 11F, 20K, 13H

Jellinghaus, W.
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NCH-212 086 Field 11F, 20K

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NCH-212 087 Field 11F

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NCH-212 039 Field 11F, 13H

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-212 092 Field 11F

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NCH-212 093 Field 11F, 20K

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NCH-212 095 Field 11F, 13H

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DETERMINATION OF THE ACTIVITY OF IRON IN COPPER MATTE. Jul 67, 7p (foreign text included) refs. INC-Trans-67/194.
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NCH-212 096 Field 11F, 13H

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NCH-212 097 Field 11F, 13H

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NCH-212 098 Field 11F, 7A

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Order from NLL

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NCH-212 100 Field 11F

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SOME CHARACTERISTIC CHANGES IN THE PROPERTIES AND STRUCTURE OF TWO-PHASE 21Cr-5Ni-2Mo-Ti STEELS AFTER TEMPERING. Jul 67, 5p (foreign text included) refs. INC-Trans-67/156.
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NCH-212 104 Field 11F, 13H

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NCH-212 105 Field 11F, 20K, 13H

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Order from NLL

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-212 106 Field 11F, 13H

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NCH-212 107 Field 11F

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-212 110 Field 11F, 13H, 13D

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NCH-212 115 Field 11F, 13H

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TT-67-33114 Field 11F, 5C

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42486

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TT-67-33157 Field 11F, 13H, 5I

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TT-67-33234 Field 11F

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42606

TT-67-62804 Field 11F, 13H, 18J

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as AEC-tr-6850

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as ANL-Trans-503

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TT-67-62846 Field 11F

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as IS-Trans-61

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TT-67-62863 Field 11F, 20K, 13H

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62863

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H. Oils, lubricants, and hydraulic fluids

NCH-211 960 Field 11H, 13I

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VISCOSITY PROPERTIES OF GREASE MATERIALS AND POWER LOSSES IN ROLLER BEARINGS. Jul 67. MT-Trans-817.
Order from MT: $17.20 as MT-817

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

I. Plastics

NCH-211 948 Field 11I, 20K

Holzman, M.
OCCURRENCE OF PLASTIC INSTABILITY AND CONDITIONS OF DUCTILE FRACTURE OF PLASTIC MATERIALS. Jul 67. MT-Trans-739.
Order from MT: $7.65 as MT-739

Trans. of Kovove Materialy (Czechoslovakia) v4 n5 p412-6 1966.

NCH-211 993 Field 11I

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THE EFFECT OF FILLERS ON THE ANTIFRICTIONAL PROPERTIES OF EPOXY COMPONDS. 1967, 6p. ATS-75U102R.
Order from ATS: $3.00 as ATS-75U102R

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-212 118 Field 11I

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Order from RAPRA: $3.00 as RAPRA-1437

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NCH-212 120 Field 11I, 14B

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NCH-212 122 Field 11I

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TT-67-62859 Field 11I, 20K

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62859

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TT-67-62860 Field 11I, 20K

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TT-67-62864 Field 11I, 20K

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ON THE DISINTEGRATION OF THE STRUCTURE AND STRENGTH OF POLYMER MATERIALS. 1967, 5p, 4refs.
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J. Rubbers

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Order from ATS: $7.75 as ATS-50U104R

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NCH-212 117 Field 11J, 11H

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NCH-212 121 Field 11J

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Order from RAPRA: $12.00 as RAPRA-1434

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L. Wood and paper products

NCH-212 008 Field 11L, 13I

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Order from ATS: $22.50 as ATS-61U101SP

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12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

NCH-211 974 Field 12A

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B. Operations research

TT-67-33165 Field 12B, 9B, 9D

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42537

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13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

NCH-212 003 Field 13A

Horoszko, E.
STUDY OF A BIFILAR CONDUCTOR SYSTEM FOR THREE-PHASE ARC FURNACES. 1967, 10p. ATS-10U100G.
Order from ATS: $14.50 as ATS-10U100G

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62766

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Trans. of Kaeltetechnik (West Germany) v14 n1 p24-6 1962.

TT-67-62784 Field 13A

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TT-67-62785 Field 13A

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SELF-HARDENING HYDRAULIC FILL FROM LOCAL MATERIALS. Jul 67. MT-Trans-832.
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NCH-211 992 Field 13B

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THE ART OF TUNNELLING. 1966, 891p.
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C. Construction equipment, materials and supplies

NCH-211 749 Field 13C

Volchek, I. Z.; Barbakadze, E. O.; Zagrebneva, A. V.
THE USE OF MINERAL WOOL IN ASBESTOS CEMENT SHEET PRODUCTION. 8 Jul 67. IAI-ATS-3.
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Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42519

TT-67-33156 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 104. 11 Sep 67, 13p. JPRS-42528.
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TT-67-33196 Field 13C

Korepin, N. I.; Melnikov, G. P.; Usmanov, I. U.; Severinovskii, I. I.
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D. Containers and packaging

TT-67-62862 Field 13D, 20K

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E. Couplings, fittings, fasteners and joints

TT-67-62759 Field 13E, 13H

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JOINTS WITH GOLD WIRE ON COPPER FLANGES, SOME RECENT STUDIES. Tr. by Gretchen Riese. 1967, 10p. LA-tr-67-57.
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TT-67-62810 Field 13E, 13H

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14 METHODS AND EQUIPMENT

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No. Entries

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

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TT-67-62871 Field 17B, 17I

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A RECEIVER WITH A SYNCHRONOUS PARAMETRIC AMPLIFIER (Priemnik s Sinkronnym Parametrich-ekim Usilitelem). 21 Feb 67, 17p. FTD-HT-66-275; AD-658 369.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-658 369

Unedited rough draft trans. of Moscow Univ. Vestnik. Seriya 3: Fizika, Astronomiya (USSR) v20 n3 p64-72 1965.

I. Radar detection

NCH-212 036 Field 17I, 17B

Goldberg, N. I.
NEW METHODS OF STATISTICAL ANALYSIS OF RANDOM PHASE OF SIGNALS. 1967, 6p.
ATS-06U103R.
Order from ATS: $9.00 as ATS-06U103R

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-62870 Field 17I, 1D, 17G, 19A

Supryaga, N. P.
RADAR CONTINUOUS-WAVE. 5 Apr 67, 103p, 33refs. FTD-MT-65-521; AD-658 370.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-658 370

Edited machine trans. of mono. Radiolokatsiya s Nepreryvnym, Izlucheniem, Moscow, 1963 123p.

18 NUCLEAR SCIENCE AND TECHNOLOGY

A. Fusion devices (Thermonuclear)

TT-67-61682 Field 18A

NUCLEAR FUSION, VOL 5 NO. 4, 1965: SELECTED ARTICLES. 1965, 65p, refs.
AEC-tr-6672.
Order from CFSTI: HC$3.00, MF$0.65 as AEC-tr-6672

Trans. from Nuclear Fusion (Austria) v5 n4 p267-78, p299-329 1965.

B. Isotopes

NCH-211 975 Field 18B, 18H

Gusev, N. G.
GAMMA-RADIATION FROM RADIOACTIVE ISOTOPES AND FISSION PRODUCTS. 1967, 224p.
Order from Hindustan Publishing Corporation, India

Trans. of Unidentified Russian language mono., n.p., n.d.

NCH-211 977 Field 18B, 18H

Labrukhina, A. K.
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Order from Iliffe Books Ltd., London, England

Trans. of Unidentified Russian language mono., n.p., n.d.

NCH-211 987 Field 18B, 6T

Letavet, A. A., ed.; Kurlandskaya, E. B., ed.
THE TOXICOLOGY OF RADIOACTIVE SUBSTANCES, VOL. 3. Tr. by R. E. Travers. 1967, 190p.
Order from PP

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D. Nuclear instrumentation

TT-67-62761 Field 18D

Kunkel, P.; Christenn, G.; Scheer, M.
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TT-67-62813 Field 18D

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METHODS OF SIMULTANEOUS MEASUREMENT OF DOSE EQUIVALENT (DE) AND QUALITY FACTOR (QF) OF MIXED RADIATION. Tr. by Gretchen Riese. 1967, 8p, refs. LA-tr-67-56.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as LA-tr-67-56

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G. Radioactive wastes and fission products

TT-67-33193 Field 18G

Sobolev, I. A.; Khomchik, L. M.; Spitsin, V. I.; Balukova, V. D.; Bazhenov, Yu. M.
DISPOSAL OF RADIOACTIVE WASTE. 12 Sep 67, 113p, refs. JPRS-42565.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42565

Trans. of Simpozium po Udaleniyu Radioaktivnykh Otkhodov v Zemlyu, Vienna, 29 May-2 Jun 1967. Papers, n.p., n.d.
Sponsored by International Atomic Energy Agency.

H. Radioactivity

TT-67-62815 Field 18H, 18B, 7E

Menke, H.; Herrmann, G.
FISSION YIELDS OF IODINE ISOTOPES 131 TO 135 IN THE SPONTANEOUS FISSION OF U-238. Tr. by D. Verdin. Feb 67, 18p, refs. NP-tr-1555. Order from CFSTI or ETC: HC$3.00, MF$0.65 as NP-tr-1555

Trans. of Radiochimica Acta (West Germany) v6 n2 p76-80 1966.

TT-67-62837 Field 18H

Zakharov, A. I.
THE EFFECT OF RADIATION ON THE PHYSICAL PROPERTIES AND STRUCTURE OF SOLID BODIES: EXCERPTS (Deistvie Izlucheniya na Fizicheskie Svoistva i Strukturu Tverdogo Tela). Tr. by Marcel I. Weinreich. 11 Jul 67, 18p, refs. SC-T-67-0936. Order from CFSTI or ETC: HC$3.00, MF$0.65 as SC-T-67-0936

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I. Reactor engineering and operation

TT-67-62750 Field 18I, 18J

Robert, E.; Launay, P.
THE PRESTRESSED CONCRETE REACTOR VESSEL OF THE BUGEY I NUCLEAR CENTER. Tr. by R. G. Mansfield. 1967, 6p. ORNL-tr-1705. Order from CFSTI or ETC: HC$3.00, MF$0.65 as ORNL-tr-1705

Trans. of Association Technique de l'Energie Nucleaire. Bulletin d'Information (France) n61 p21-3 1966.

TT-67-62751 Field 18I, 18J

Launay, M. P.
BUGEY I NUCLEAR CENTER DEVELOPMENT OF THE PRESTRESSED CONCRETE CONTAINMENT VESSEL PROJECT. 1967, 30p. ORNL-tr-1706. Order from CFSTI or ETC: HC$3.00, MF$0.65 as ORNL-tr-1706

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TT-67-62809 Field 18I

INVESTIGATIONS ON CYCLONES FOR STEAM SEPARATION IN BOILING WATER REACTORS. QUARTERLY REPT. NO. 5, 1 JAN-31 MAR 67. 1967, 20p, refs. EURAEC-1835. Order from CFSTI or ETC: HC$3.00, MF$0.65 as EURAEC-1835

Trans. of Allgemeine Elektricitaets Gesellschaft. Kernenergieanlagen (West Germany) EUR-3358.

J. Reactor materials

NCH-211 601 Field 18J, 11F

Obrutsky, D.
PROPERTIES OF A COPPER ALLOY WITH HIGH RESISTANCE TO SOFTENING AND HIGH CONDUCTIVITY. 1967, 14p. TC-4252. Order from TC: $8.00 as TC-4252

Trans. of Comision Nacional de Energia Atomica. Boletin Informativo (Argentina) n146 p4-13 1965.

TT-67-62730 Field 18J, 7D

Danh Tran Van; Ernoult, J.
SPECTROGRAPHIC DOSIMETRY OF SMALL QUANTITIES OF BORON IN IRON AND STEELS WITH AN ORDER SEPARATOR. 1 Aug 66, 13p. ORNL-tr-1339. Order from CFSTI or ETC: HC$3.00, MF$0.65 as ORNL-tr-1339

Trans. of Commissariat a l'Energie Atomique, Paris. Rept. (France) R-2914 1966.

TT-67-62733 Field 18J, 20M, 11F

Eremeev, V. S.; Panov, A. S.; Ushakov, B. F.; Fiveiskii, E. V.; Babad-Zakhryapin, A. A. ed.
DIFFUSION OF CARBON FROM URANIUM CARBIDE INTO MOLYBDENIUM AND TUNGSTEN. Pt. 2 of Diffusion Interaction Through Contact Between Materials and their Cladding. Tr. by Helen J. Dahlby. 1967, 18p. LA-tr-67-31. Order from CFSTI or ETC: HC$3.00, MF$0.65 as LA-tr-67-31

Trans. of Symposium on Thermodynamics with Emphasis on Nuclear Materials and Atomic Transport in Solids, Vienna, 22-27 Jul 65. Proceedings, v2, n.p., p161-72 1965.

TT-67-62754 Field 18J, 13H

Anselin, F.
PREPARATION AND STUDY OF THE NITRIDES AND CARBONITRIDES OF PLUTONIUM. Tr. by Rose Mary Boicourt. 1967, 89p. LA-tr-67-24. Order from CFSTI or ETC: HC$3.00, MF$0.65 as LA-tr-67-24

Trans. of Commissariat a l'Energie Atomique, Paris. Rapport C.E.A. (France) R-2988 Jun 66.

TT-67-62760 Field 18J, 13H

STAINLESS STEEL CLADDING OF HEAVY GAGE STEELS. Quarterly rept. no. 9, 1 Jul-30 Sep 66. 1967, 23p. EURAEC-1812. Order from CFSTI or ETC: HC$3.00, MF$0.65 as EURAEC-1812

Trans. of Ghent Univ., Rept. (Belgium) n9 1 Jul-30 Sep 66.
Prepared in cooperation with N.V. Neratoom, The Hague, Netherlands, and Soudometal S.A., Brussels, Belgium.

TT-67-62805 Field 18J, 18H, 11F

Josa, J. M.; Merino, J. L.; Villoria, A.
SPANISH RADIOACTIVE LIGNITES: URANIUM NATURE AND SOLUBILIZATION. 1967, 20p, refs. AEC-tr-6851.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AEC-tr-6851

Trans. from Panel on Low Grade Uranium Ore Processing, Vienna, 27 Jun-1 Jul 66. Paper, n.p., n.d.
Sponsored by International Atomic Energy Agency.

L. Reactors (Power)

TT-67-33170 Field 18L, 18E, 18K

Novikov, A. N.; Petrunin, D. M.
THREE-DIMENSIONAL CALCULATION OF FUEL BURN-UP IN WATER-COOLED, WATER-MODERATED POWER REACTORS. 11 Sep 67, 21p, refs. JPRS-42542.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42542

Trans. of Panel on Fuel Burn-Up Predictions in Thermal Reactors, Vienna, 10-14 Apr 67, Paper. n.p., n. d.

19 ORDNANCE

D. Explosions, ballistics, and armor

TT-67-62842 Field 19D

Pukhnachev, V. V.
THE STABILITY OF CHAPMAN-JOUGUET DETONATIONS. Tr. by Marcel I. Weinreich. 24 Jul 67, 8p, refs. SC-T-67-0941.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as SC-T-67-0941

Trans. of Akademiya Nauk SSSR, Doklady, v149 n4 p798-801 1963.

20 PHYSICS

TT-67-33116 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 119. 7 Sep 67, 108p. JPRS-42488.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42488

TT-67-33136 Field 20-, 12A

EAST EUROPEAN SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 83. 8 Sep 67, 96p. JPRS-42508.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42508

TT-67-33182 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 120. 12 Sep 67, 96p. JPRS-42554.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42554

TT-67-33207 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 121. 12 Sep 67, 87p. JPRS-42579.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42579

TT-67-33216 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 122. 13 Sep 67, 84p. JPRS-42588.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42588

B. Crystallography

NCH-211 874 Field 20B

Gruendig, H.; Hausmann, A.; Saunder, W.
ELECTRON SPIN RESONANCE OF SULPHUR AND SELENIUM CENTERS IN POTASSIUM CHLORIDE (Elektronenspin-Resonanz von Schwefel- und Selenzentren in Kaliumchlorid). Tr. by V. Poppe. 1967, 4p, 4refs. NRC-TT-1271.
Order from NRC: $0.50

Trans. of Akademie der Wissenschaften, Goettingen. Kurzachricht (West Germany) n9 p47-50 1965.

NCH-211 957 Field 20B, 11F

Kubicek, L.
EFFECT OF COOLING RATE ON DENDRITIC SEGREGATION IN BINARY Al/Cu ALLOYS. Jul 67. MT-Trans-808.
Order from MT: $33.00 as MT-808

Trans. of Kovove Materialy (Czechoslovakia) v4 n4 p333-46 1966.

NCH-211 976 Field 20B

Auleytner, J.
X-RAY METHODS IN THE STUDY OF DEFECTS IN SINGLE CRYSTALS. Tr. by J. Leciejewicz. 1967, 264p.
Order from PP

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NCH-212 102 Field 20B, 20K

Faninger, G.
FACTORS BEARING ON X-RAY LATTICE ELONGATION MEASUREMENTS IN THE DETERMINATION OF EXTERNAL APPLIED AND INTERNAL STRESSES. Jun 67, 15p (foreign text included) refs. INC-Trans-67/164.
Order from NLL

Trans. of Haerterei-Technische Mitteilungen (West Germany) v22 p26-36 1967.

TT-67-62841 Field 20B, 11F

Jasper, L.; Schaarwaechter, W.
ETCH PITTING ON DISLOCATIONS IN COPPER

SINGLE CRYSTALS BY POTENTIOSTATIC ELECTROLYSIS. 1967, 23p, refs. ORNL-tr-1694.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as ORNL-tr-1694

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C. Electricity and magnetism

NCH-212 032 Field 20C

Vitshas, A. F.; Golubev, V. S.
STUDY OF AN ELECTRIC DISCHARGE SUSTAINED BY THE LORENTZ FORCE. 1967, 14p. ATS-61U103R.
Order from ATS: $18.50 as ATS-61U103R

Trans. of Akademiya Nauk SSSR, Institut Atomnoi Energii. Rept., IAE-1328 24p. 1967.

D. Fluid mechanics

NCH-212 078 Field 20D

Weber, M.
COMPRESSIBLE FLOW OF GAS SOLID-MIXTURES IN PIPELINES AT HIGH MATERIAL TRANSPORT RATES. Jul 67, 11p (foreign text included) refs. INC-Trans-67/179.
Order from NLL

Trans. of Aufbereitungs-Technik (West Germany) v7 p603-13 1966.

TT-67-62843 Field 20D

Jacobs, W.
FLOW BEHIND A SINGLE ROUGHNESS ELEMENT. 1967, 18p. ORNL-tr-1639.
Order from CFSTI or ETC: $3.00, MF$0.65 as ORNL-tr-1639

Trans. of Ingenieur-Archiv (West Germany) v9 p343-55 1938.

TT-67-62850 Field 20D

Chernykh, E. M.
INSTABILITY OF A SPHERICAL GAS BUBBLE PRESSURE FIELD. Tr. by Elmar K. Wilip. May 67, 9p, refs. ANL-Trans-482.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as ANL-Trans-482

Trans. of Akademiya Nauk SSSR, Izvestiya. Mekhanika Zhidkosti i Gaza, n1 p38-42 1967.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

E. Masers and lasers

NCH-211 989 Field 20E

Patek, K.
LASERS. 1967, 288p.
Order from Iliffe Books Ltd., London, England

Trans. of Unideentified Czechoslovakian language mono., n.p., n.d.

TT-67-33117 Field 20E, 15C

MILITARY INFORMATION ON EASTERN EUROPE NO. 169. 7 Sep 67, 9p. JPRS-42489.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42489

TT-67-62867 Field 20E

Chernyshev, V. N.
LASERS IN SPACE, ON THE EARTH, AND UNDER WATER. 26 Apr 67, 92p, 88refs. FTD-MT-65-373; AD-658 382.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-658 382

Edited machine trans. of mono. Lazery v Kosmose, na kosmos Zemle i pod Vodoi, Moscow, 1964 104p.

F. Optics

TT-67-62722 Field 20F, 14E

Pohlmann, G.; Ahrend, M.
SIMPLE PROCEDURE FOR EVALUATION OF ELECTRON MICROSCOPIC STEREO-PICTURES. Tr. by J. Chapin. 11 Aug 67, 11p, refs. NIH-8-18-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62722

Trans. of Optik (West Germany) v16 p461-71 1959.

TT-67-62822 Field 20F

Ksander, Y., comp.
SOVIET AND POLISH RESEARCH ON THE SELF-TRAPPING OF OPTICAL BEAMS IN NONLINEAR MEDIA. 23 Sep 67, 24p, 25refs. ATD-67-28; AD-658 016.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-658 016

Rept. on Surveys of Foreign Scientific and Technical Literature.

TT-67-62827 Field 20F

Gans, R.
THE PROPAGATION OF LIGHT THROUGH A NON-HOMOGENIOUS MEDIUM (Fortplanzung des Lichts durch ein Inhomogenes Medium). Tr. by F. E. E. Germann. Sep 66, 34p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62827

Trans. of Annalen der Physik (East Germany) v47 n14 p707-36 1915.

G. Particle accelerators

TT-67-62747 Field 20G

Piwinski, A.
STORAGE RING LUMINOSITY AS A FUNCTION OF BEAM-TO-BEAM SPACE AND CROSSING ANGLE (Abhaengigkeit der Speicherring-Luminositaet von der Taillenweite und vom Kreuzungswinkel). Jun 67, 25p. SLAC-Trans-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65

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Trans. of Deutsches Elektronen-Synchrotron, Hamburg. Rept. (West Germany) DESY-67-7 Mar 67.

TT-67-62817 Field 20G, 20H

Schmueser, P.
ONE-PION PHOTOPRODUCTION OF POSITIVELY CHARGED Pi-MESONS BETWEEN 1.2 AND 3GeV IN THE LABORATORY ANGULAR RANGE FROM 8° - 20° (Photoeinfachproduktion Positiv Geladener Pi-Mesonen zwischen 1.2 und 3 GeV im Laborwinkelberich von 8° - 20°). Jun 67, 130p.
SLAC-Trans-68.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as SLAC-Trans-68

Trans. of Deutsches Elektronen-Synchrotron, Hamburg. Rept. (West Germany) DESY Mar 67.

TT-67-62818 Field 20G, 20H

Koetz, U.
THE PHOTOPRODUCTION OF POSITIVE Pi-MESONS BETWEEN 1.2 AND 3 GeV IN THE CENTER-OF-MASS ANGULAR INTERVAL FROM 2.5° TO 15° (Paotoproduktion von Positiven Pi-Mesonen zwischen 1.2 und 3 GeV im Schwerpukt-swinkelbereich von 2.5° - 15°). Jun 67, 83p, refs.
SLAC-Trans-69.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as SLAC-Trans-69

Trans. of Deutsches Elektronen-Synchrotron, Hamburg, Rept. (West Germany) DESY Mar 67.

H. Particle physics

NCH-211 965 Field 20H, 13K

Brozek, V.
USE OF BETA-RADIATION FOR THE CONTROL OF THIN-WALLED ALUMINIUM TUBES. Jul 67.
MT-Trans-845.
Order from MT: $19.00 as MT-845

Trans. of Strojirenstvi (Czechoslovakia) v15 n4 p300-3 1965.

TT-67-62752 Field 20H

Jantsch, K.
REACTIONS OF TRITONS WITH ^{30}Si. PT. 2: THE $^{30}Si(t,n)^{32}P$ REACTION. 1966, 12p.
ORNL-tr-1700.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as ORNL-tr-1700

Trans. of Kernenergie (East Germany) v9 p348-5 1966.

TT-67-62836 Field 20H

Strutinskii, V. M.
"SHELLS" IN DEFORMED NUCLEI. Tr. by Helen J. Dahlby. 1967, 70p, refs. LA-tr-67-36.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as LA-tr-67-36

Trans. of Akademiya Nauk SSSR, Institut Atomnoi Energii. Rept.,IAE-1350 1967.

TT-67-62839 Field 20H

Feltsan, P. V.; Zapesochny, I. P.; Pouch, M. M.
EXCITATION OF INERT GASES IN ELECTRON-ATOMIC COLLISIONS. II. NEON. 1967, 13p, refs.
ORNL-tr-1711.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as ORNL-tr-1711

Trans. of Ukrayinskyi Fizychnyi Zhurnal (USSR) v11 p1222-30 1966.

I. Plasma physics

TT-67-33194 Field 20I

Lunacharskaya, L.; Shchipachev, V.
"COLD" PLASMA (PLASMOTRON PRINCIPLES AND USES). 12 Sep 67, 16p. JPRS-42566.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42566

Trans. of Nauka i Zhizn (USSR) n7 p32-9 1967.

TT-67-62725 Field 20I

Boerboom, J. H.; Schram, B. L.; Kleine, W.; Kistemaker, J.
INFLUENCE OF THE VELOCITY OF NOBLE GAS IONS ON THE EMISSION OF SECONDARY ELECTRONS. 1967, 6p. ORNL-tr-1718.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as ORNL-tr-1718

Trans. of Zeitschrift fuer Naturforschung (West Germany) v21a p127-9 1966.

K. Solid mechanics

NCH-211 973 Field 20K

Lyapunov, A. M.
STABILITY OF MOTION. Tr. by F. Abramovici and M. Shimshoni. 1966, 203p.
Order from Academic Press, London, England

Trans. of Unidentified Russian language mono., n.p., n.d.

TT-67-33190 Field 20K

Lenskii, V. S.
INTERACTION OF SOLIDS COLLIDING AT HIGH SPEEDS. 12 Sep 67, 51p, refs. JPRS-42562.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42562

Trans. of mono. Vsesoyuznyi Simposium po Rasprostraneniyu Uprugo-Plasticheskikh Voln v Sploshnykh Sredakh. Materialy, Baku, 1966 p26-65.
All-Union Symposium on the Propagation of Elastico-Plastic Waves in Solid Media. Materials.

TT-67-62755 Field 20K

Schlaug, H.
SPECIAL PROBLEMS IN AIR JET PULVERIZING. 1967, 44p. LA-tr-67-61.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as LA-tr-67-61

Trans. of Symposium Zerkleinern, Frankfurt am Main, 10-13 Apr 62. Paper, n.p., n.d. p531-55. Vopr. Diskuss. Symp. Zerkleinern, Frankfurt am Main, 1: p531-55 1962.

TT-67-62758 Field 20K

Rumpf, H.
FUNDAMENTAL PHYSICAL PROBLEMS IN SIZE REDUCTION. 1967, 55p. LA-tr-67-60.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as LA-tr-67-60

Trans. of Symposium Zerkleinern, Frankfurt am Main, 10-13 Apr 62. Paper, n.p., n.d. p1-30.

Vopr. Diskuss. Symp. Zerkleinern, Frankfurt am Main, 1: p1-30 1962.

TT-67-62861 Field 20K

Uzdalev, A. I.
STRESS STATE OF AN ORTHOTROPIC STRIP CAUSED BY A CONCENTRATED HEAT SOURCE. 1967, 7p, 4refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-62861

Trans. of Prikladnaya Mekhanika (USSR) v2 n12 p109-15 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

L. Solid-state physics

TT-67-33215 Field 20L

NEW DEVELOPMENTS IN SOLID-STATE PHYSICS. 13 Sep 67, 5p. JPRS-42587.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as JPRS-42587

Trans. of Muszaki Elet (Hungary) v22 n15 p6 1967.

TT-67-62812 Field 20L, 7D

Bucur, R. V.; Crisan, M.
STATISTICAL-MECHANIC INTERPRETATION OF THE SOLUBILITY ISOTHERM OF HYDROGEN IN HYDRIDE PHASE FOR THE METALS PALLADIUM, VANADIUM, NIOBIUM, AND TANTALUM. Tr. by Rose Mary Boicourt. 1967, 9p, refs.
LA-tr-67-55.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as LA-tr-67-55

Trans. of Journal of Physics and Chemistry of Solids (U.S.) v28 p995-1000 1967.

M. Thermodynamics

TT-67-59055 Field 20M

Kotlyar, S. M.
HEAT CONDUCTIVITY OF AN INFINITE HOLLOW CYLINDER (Teloprovodnosti Beskonechnogo Pologo Tsilindra) 1967, 6p, refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-59055

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v9 n6 p775-7 1965.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-62755 Field 20M

Bailly, F.
THERMODYNAMICS: THERMODYNAMIC PROPERTIES OF AN INTERDIFFUSION SYSTEM. Tr. by Rose Mary Boicourt. 1967, 4p.
LA-tr-67-53.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as LA-tr-67-53

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V2 N1 P1 1963	6C	TT-67-33350
V2 N2 P111 1963	6E	TT-67-33307
CHIMIA (SWITZERLAND)		
V20 N11 P379 1966	7D	NCH-212 198
CHIMICA (ITALY)		
V16 N3 P75 1964	7D	NCH-212 281
CHIMICA E L'INDUSTRIA (ITALY)		
V37 N10 P787 1955	7A	NCH-212 203
V37 N11 P879 1955	7A	NCH-212 202
V46 N6 P648 1964	7A	NCH-212 196
CHIN SHU HSUEH PAO (CHINESE PEOPLE'S REPUBLIC)		
V8 P326 1965	11F	TT-67-62887
CHUNG HUA ERH K'O TSA CHIH (CHINESE PEOPLE'S REPUBLIC)		
V13 N5 P339 1964	6E	TT-67-33362
CHUNG HUA NEI K'O TSA CHIH (CHINESE PEOPLE'S REPUBLIC)		
V12 N12 P1005FF 1964	6E	TT-67-33362
V12 N2 P105 1964	6E	TT-67-33378
V12 N5 P405FF 1964	6E	TT-67-33362
CHUNG HUA NEI K'O TSA CHIH (CHINESE PEOPLE'S REPUBLIC)		
V12 N6 P505 1964	8E	TT-67-33378
CHUNG HUA WAI K'O TSA CHIH (CHINESE PEOPLE'S REPUBLIC)		
V12 N3 P203 1964	6E	TT-67-33378
V12 N5 P409 1964	6E	TT-67-33378
V12 N9 P825 1964	6E	TT-67-33307
CHUNG KUO NUNG YEH K'O HSUEH (CHINESE PEOPLE'S REPUBLIC)		
N2 P1 1964	2	TT-67-33296
N3 P1 1964	2	TT-67-33296
N4 P1 1965	2	TT-67-33296
N6 P1 1965	2D	TT-67-33322
N7 P1 1965	2D	TT-67-33322
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1966 P347	4B	NCH-212 223
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DANSK SELSKAB FOR BYGNINGSTATIK. BYGNINGSTATISKE MEDDELELSER (DENMARK)		
V31 N13 1960	20K	TT-67-62555
DANSK SKOVFORENINGS GODNINGSFORSOG, COPENHAGEN. TIDSSKRIFT (DENMARK)		
V46 P139 1961	2F	NCH-212 174
DENKI KAGAKU (JAPAN)		
V33 P163 1965	7D	TT-67-62888
DENSHI SHASHIN (JAPAN)		
V1 N1 P8 1959	17B	NCH-212 028
DEUTSCHE FISCHEREI-RUNDSCHAU (WEST GERMANY)		
V12 N2 P33 1965	6C	TT-67-62891
V12 N4 P119 1965	6C	TT-67-62892
DEUTSCHE VERSUCHSANSTALT FUER LUFT- UND RAUMFAHRT. BERICHTE (WEST GERMANY)		
N65-44 1965	8S	TT-67-62427
EKONOMICHESKAYA GAZETA (USSR)		
N3 SEL PG 1967	5C	TT-67-33306
N31 P42 1967	5C	TT-67-33365
N32 P6 1967	10B	TT-67-33280
N34 P4 1967	5C	TT-67-33389
EKONOMICHESKIE NAUKI (USSR)		
N7 P13 1967	13I	TT-67-33285
EKSPERIMENT V TEKHN. MINERALOG. I PETROGR. PO MATERIALAM, LVOV. SOVESHCH. N7, N.P.		
1964 P79	13C	NCH-212 235
ELEKTRICHESTVO (USSR)		
N7 P57 1965	14B	TT-67-62913
ELEKTRIZITAETSWITSCHAFT (WEST GERMANY)		
V65 N26 P787 1966	9C	TT-67-62895
ELEKTROOSAZHDENIE METALLOV VULTRAZVUKOVOM POLE, MOSCOW		
1964 128P	13H	NCH-210 750
ENDOKRYNOLOGIA POLSKA		
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GIORNALE ITALIANO DI DERMATOLOGIA E SIFILOLOGIA (ITALY) V78 P475 1937	6J	NCH-206 270
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N11 P1 1965	7	TT-66-34771
N12 P1 1965	7	TT-66-34771
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INZYNIERIA I BUDOWNICTWO (POLAND) N9 P370 1961	13C	NCH-212 232
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IZVLECHENIE IZ OTCHETA MEZHDUVEDOMSTVENNOGO GEOFIZICHESKOGO KOMITETA PRI PREZIDIUME AKADEMII NAUK SSSR XIV GENERALNOI ASSAMBLEE MEZHDUNARODNOGU SOYUZA GOEDEZII I GEOFIZIKI, MOSCOW 1967 47P	8M	TT-67-62939
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N3 P89 1961	5A	TT-67-33248
N4 P121 1961	5A	TT-67-33248
N5 P153 1961	5A	TT-67-33248
N6 P221 1960	5A	TT-67-33297
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KERNENERGIE (EAST GERMANY) V8 N8 P481 1965	18D	NCH-204 991
KOGYO KAGAKU ZASSHI (JAPAN) V68 P2487 1965	7A	NCH-212 199
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LIJECNICKI VJESNIK (YUGOSLAVIA) V88 N10 1966	6E	TT-66-59006
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METEOROLOGIYA I GIDROLOGIYA (USSR) N3 P3 1966	4B	NCH-211 418
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PLASTVERARBEITER (WEST GERMANY) V11 N8 P361 1960	11I	NCH-212 210
POLIPLASTI (ITALY) V11 No3 P19 1963	11I	NCH-212 257
POVERKHNOSTNYE YAVLENIYA V METALLURGICHESKIKH PROTSESSAKH, MOSCOW 1963 257P	11F	NCH-210 754
PRAVDA, MOSCOW (USSR) 16 AUG P1 1967	5A	TT-67-33318
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N6 P116FF 1967	17B	NCH-212 192
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SHENG WU HSUEH T'UNG PAO (CHINESE PEOPLE'S REPUBLIC) N4 P1 1963	6C	TT-67-33268
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N5 P1 1964	6C	TT-67-33268
N6 P1 1964	6C	TT-67-33268
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SOVETSKAYA ANTARKTICHESKAYA EKSPEDITSIYA. INFORMATSIONNYI BYULLETEN (USSR) N58 P41 1966	4B	NCH-212 225
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TT-67-62447	6S	TT-67-62447
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ACI
Australian Consolidated Industries
Technical Library
813 Dowling Street
Waterloo, New South Wales
Australia

AGI
American Geological Institute
1444 N Street, N. W.
Washington, D. C. 20005

AGS
American Geographical Society
Broadway at 156th Street
New York, New York 10032

AGU
American Geophysical Union
Suite 506, 1145 19th Street, N. W.
Washington, D. C. 20036

AIP
American Institute of Physics
335 East 45th Street
New York, New York 10017

AM
Acta Metallurgica
122 East 55th Street
New York, New York 10022

AMS
American Mathematical Society
P. O. Box 6248
Providence, Rhode Island 02904

API
Academic Press, Inc.
111 Fifth Avenue
New York, New York 10003

ATS
Associated Technical Services, Inc.
855 Bloomfield Avenue
Glen Ridge, New Jersey 07028

BBB
Bergbau Bücherei
Hubertstrasse 102
4300 Essen-Frillendorf
West Germany

BGIRA
British Glass Industry Research Association
Northumberland Road
Sheffield 10, England

BISI
British Iron and Steel Industry Translation Service
The Iron and Steel Institute
4, Grosvenor Gardens
London, S. W. 1, England

BRS
Building Research Station
Garston, England

BSRA
British Ship Research Association
Prince Consort House
27/29 Albert Embankment
London, S. E. 1, England

BWRA
British Welding Research Association
Abington Hall, Abington
Cambridge, England

C/CA
Cement and Concrete Association
52 Grosvenor Gardens
London, S. W. 1, England

CB see PLPC

CBT
Centre Belge de Traductions
Bibliotheque Royale
4 Boulevard de l'Empereur
Brussels, Belgium

CEGB
Central Electricity Generating Board
Grindall House
25 Newgate Street
London, E. C. 1, England

CEMBUREAU
The European Cement Association
2, Rue Saint Charles
Paris 15, France

CERILH
Centre d'Etudes et de Recherches de l'Industrie des Liants Hydrauliques
Paris, France

CFSTI
U. S. DEPARTMENT OF COMMERCE
Clearinghouse for Federal Scientific and Technical Information
Port Royal and Braddock Roads
Springfield, Virginia 22151
(Also available through Department of Commerce Field Offices)

CID
Centro de Informacion y Documentacion
Patronato Juan de la Cierva
Serrano 150, Apartado 743
Madrid 6, Spain

CNP
Comitato Nazionale per la Produttivita
Viale Regina Margherita, 83-D
Roma, Italy

CNRS
Centre National de la Recherche Scientifique
Centre de Documentation
15 Quai Anatole France
Paris 7, France

CSIR
Council for Scientific and Industrial Research
The Head
Information Division
P. O. Box 395
Pretoria, Republic of South Africa

CSIRO
Commonwealth Scientific and Industrial Research Organization
Information Service
314 Albert Street
East Melbourne C. 2, Victoria
Australia

CTRA
The Librarian
The Coal Tar Research Association
Oxford Road
Gomersal, Leeds, England

CTS (Chem)
Chemical Translating Service
2243 Greer Road
Palo Alto, California 94300

CTT
Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10606

DTC
Danish Translations Centre
c/o Library of the Danish Atomic Energy Commission
Riso, Roskilde, Denmark

ETC
European Translations Centre
Doelenstraat 101, Delft,
The Netherlands

ETHB
Eidgenossische Technische Hochschulbibliothek
Leonhardstrasse 33
Zurich, Switzerland

FASEB
Federation of American Societies for Experimental Biology
9650 Rockville Pike
Bethesda, Maryland 20014

FP
Faraday Press, Inc.
84 Fifth Avenue
New York, New York 10011

FRI
Fulmer Research Institute, Ltd.
Stoke Poges,
Buckinghamshire, England

FS
Direzione Generale
Azienda Autonoma dell Ferrovie dello Stato
Centro di Documentazione
Piazza della Croce Rossa
Roma, Italy

FT see FP

GB
Gordon and Breach
Publishers, Inc.
150 Fifth Avenue
New York, New York 10011

GPO
Superintendent of Documents
Government Printing Office
Washington, D. C. 20402

HB
Henry Brutcher
P. O. Box 157
Altadena, California 91001

HMSO
Her Majesty's Stationery Office
P. O. B. 569
London, S. E. 1, England

IAI
Institute for Asbestos Information
298 Rokeby Road
Subiaco, Western Australia
Australia

ICE
International Chemical Engineering
345 East 47th Street
New York, New York 10017

IEEE
Institute of Electrical and Electronics Engineers
275 Madison Avenue
New York, New York 10016

IICH
International Information Clearing House
615 Linwood Drive
Midland, Michigan 48642

ISA
Instrument Society of America
530 William Penn Place
Pittsburgh, Pennsylvania 15219

JLRD
John Laing Research and Development Ltd.
Hertfordshire, England

JW
J. Woroncow
5230 Clairemount Mesa Boulevard
San Diego, California 92117

LC
Photoduplication Service
Publication Board Project
Library of Congress
Washington, D. C. 20540

LNEC
Laboratorio Nacional de Engenharia Civil
Ministerio das Obras Publicas
Avenida do Brasil
Lisbon 5, Portugal

MFA/TS
Metal Finishing Abstracts Translation Services
85 Udney Park Road
Teddington, Middlesex, England

MPIK
Max Planck Institut fur Kohlenforschung
Bibliothek der Abteilung Strahlenchemie Stiftstrasse 34-36
433 Mulheim an der Ruhr
West Germany

MT
M. de O. Tollemache
Pennyford Cottage
Burrington
Umberleigh, Devon, England

NLL
National Lending Library for Science and Technology
Boston Spa, Yorkshire, England

NRC
National Research Council, Library
Ottawa 2, Canada

PARGAS
Pargas Kalkbergs Aktiebolag
Fredrikinkatu 47
Helsinki, Finland

PLP see PLPC

PLPC
Plenum Publishing Corporation
227 West 17th Street
New York, New York 10011

PP
Pergamon Press
44-01 21st Street
Long Island City, New York 11101

RAPRA
Rubber and Plastics Research Association of Great Britain
Shawbury
Shrewsbury, Shropshire, England

RIS
Research Information Service
44-01 21st Street
Long Island City, New York 11101

SA
Seizaburo Aoki
Japanese Language Translation Service
15/2027 Chogo
Fujisawa, Japan

SLA
SLA Translations Center
The John Crerar Library
35 West 33rd Street
Chicago, Illinois 60616

SNSRC
Swedish Natural Science Research Council
Stockholm, Sweden

SSSA
Soil Science Society of America, Inc.
Program Director, Soviet Soil Science
677 South Segoe Road
Madison, Wisconsin 53711

ST
Scripta Technica, Inc.
1000 Vermont Avenue, N. W.
Washington, D. C. 20005

STC
Swedish Translation Centre
Kunglige Tekniske Hogskolans
Bibliotek
Stockholm, Sweden

TA
Translavic Associates
6363 Wilshire Boulevard
Room 228
Los Angeles, California 90048

TC
Chemical Translation Service
Trans-Chem Incorporated
P. O. Box 6179
Knoxville, Tennessee 37914

STA
Science and Technology Agency
3, Dyers Buildings
Holborn, London, E. C. 1
England

TF
Taylor and Francis Ltd.
Red Lion Court, Fleet Street
London, E. C. 4, England

TIB
Technische
Informationsbibliothek
Am Welfengarten 1
Hannover, West Germany

TIDC
Technical Information-Documentation
Consultants Ltd.
1549 Burnside Place
Montreal 25, Quebec, Canada

TP
Taurus Press, Inc.
207 East 37th Street
New York, New York 10016

TTIS
Translation and Technical
Information Services
42 Grays Inn Road
London, W. C. 1, England

UBO
Universitets Biblioteket. Oslo
Drammensveien 42B
Oslo, Norway

WFK
William F. Kelly
915 Naudain Avenue, Northridge
Claymont, Delaware 19703

EZ
Electrolytic Zinc Co. of
Australia Ltd.
G.P.O. Box 377D
Hobart, Tasmania, Australia

IPST
Israel Program for Scientific
Translations
Kirat Moshe
P. O. Box 7145
Jerusalem, Israel

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